

FIG. 1A

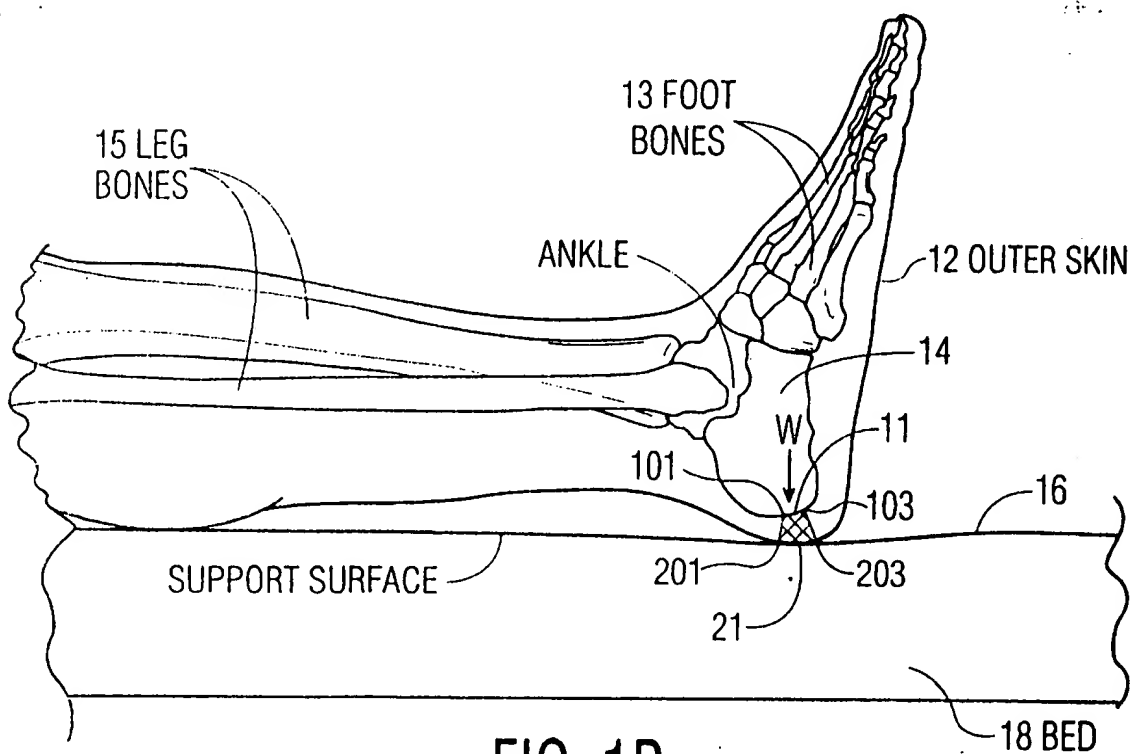


FIG. 1B

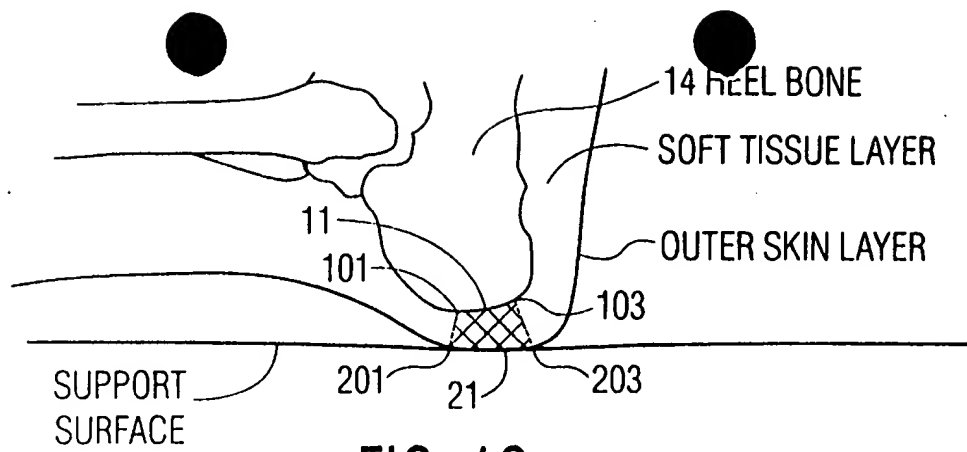


FIG. 1C

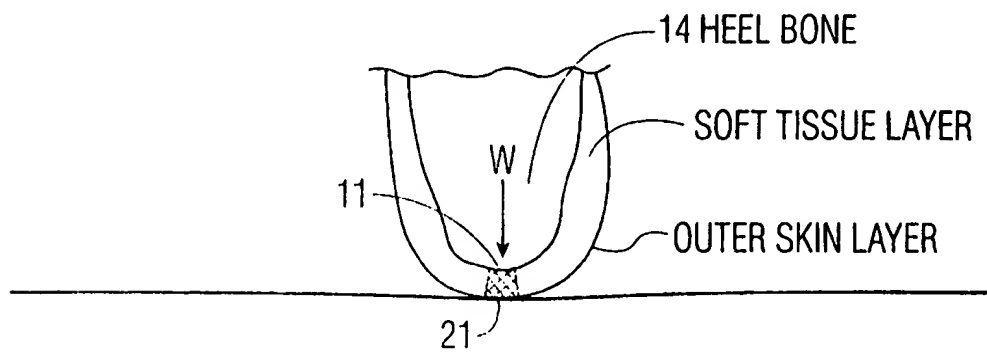


FIG. 1D

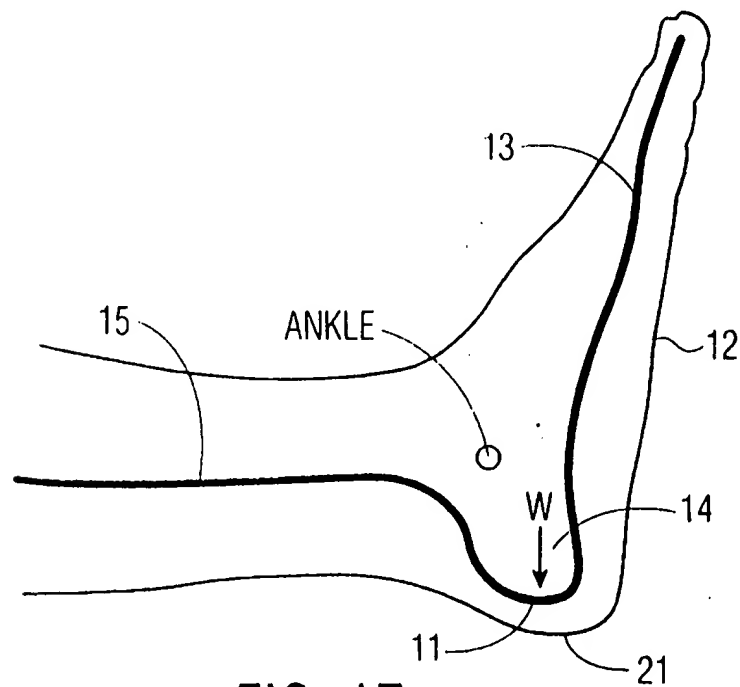


FIG. 1E

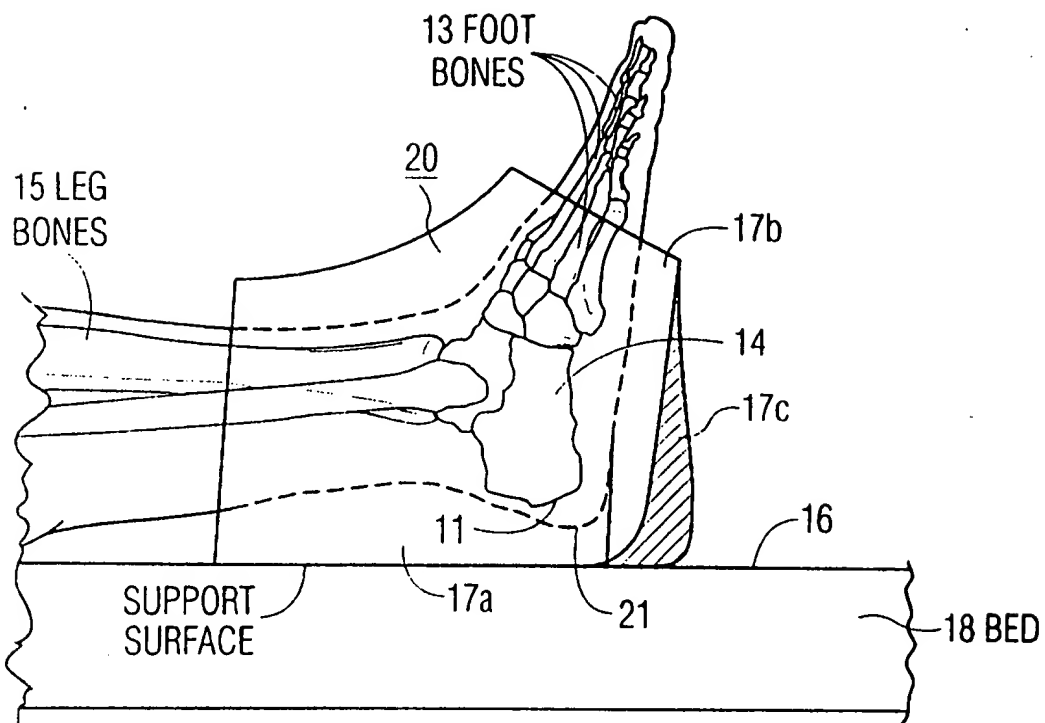


FIG. 2A

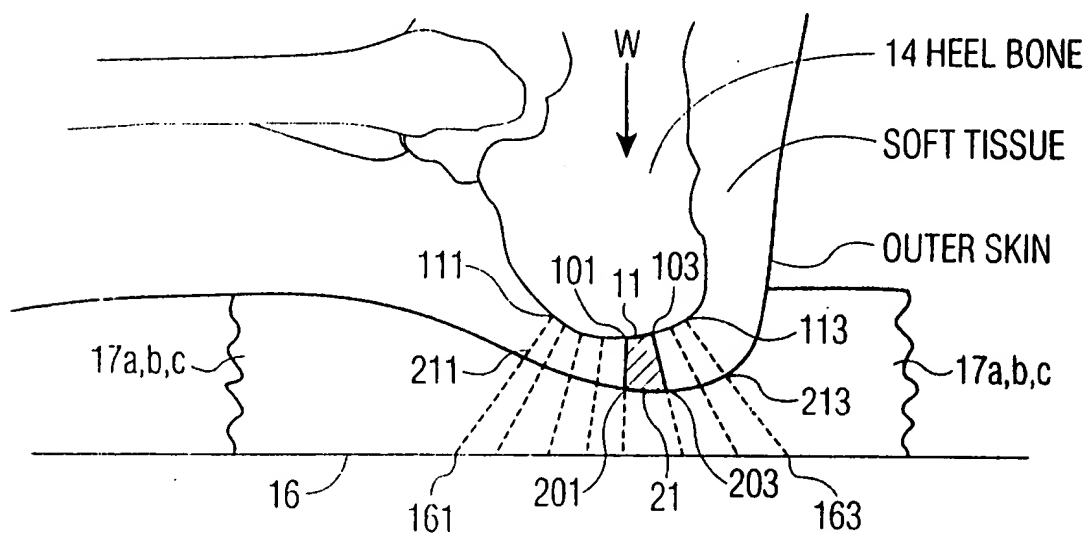


FIG. 2B

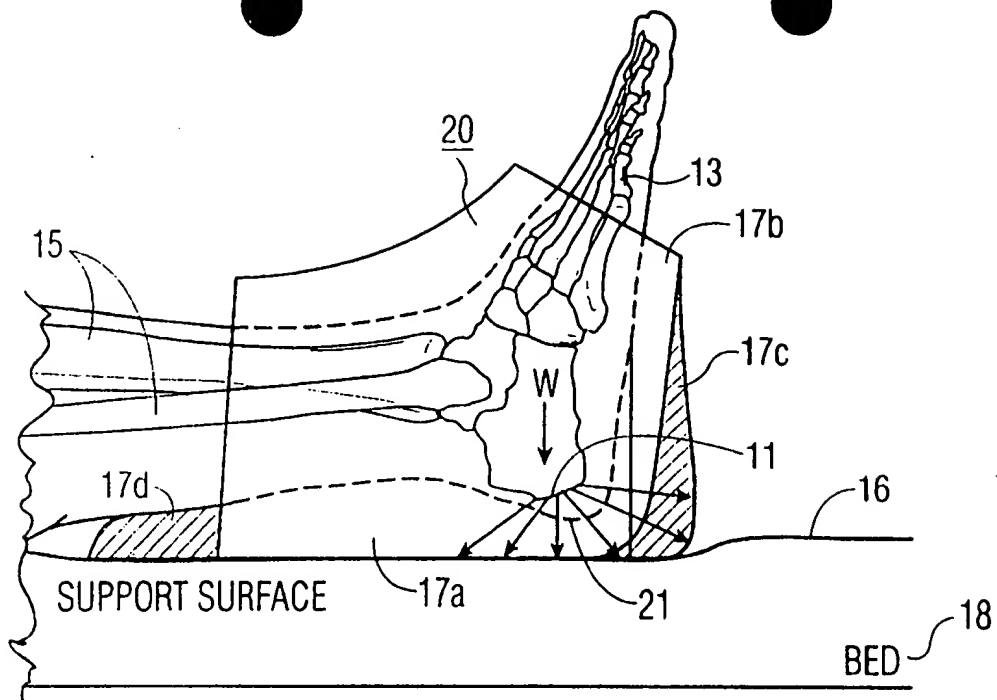


FIG. 3A

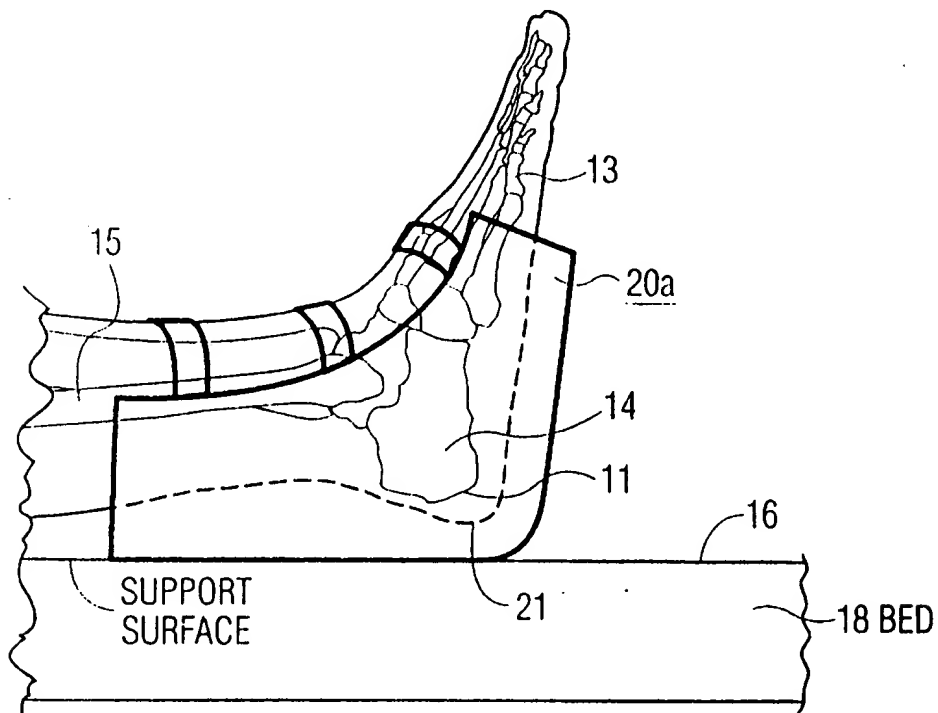


FIG. 4

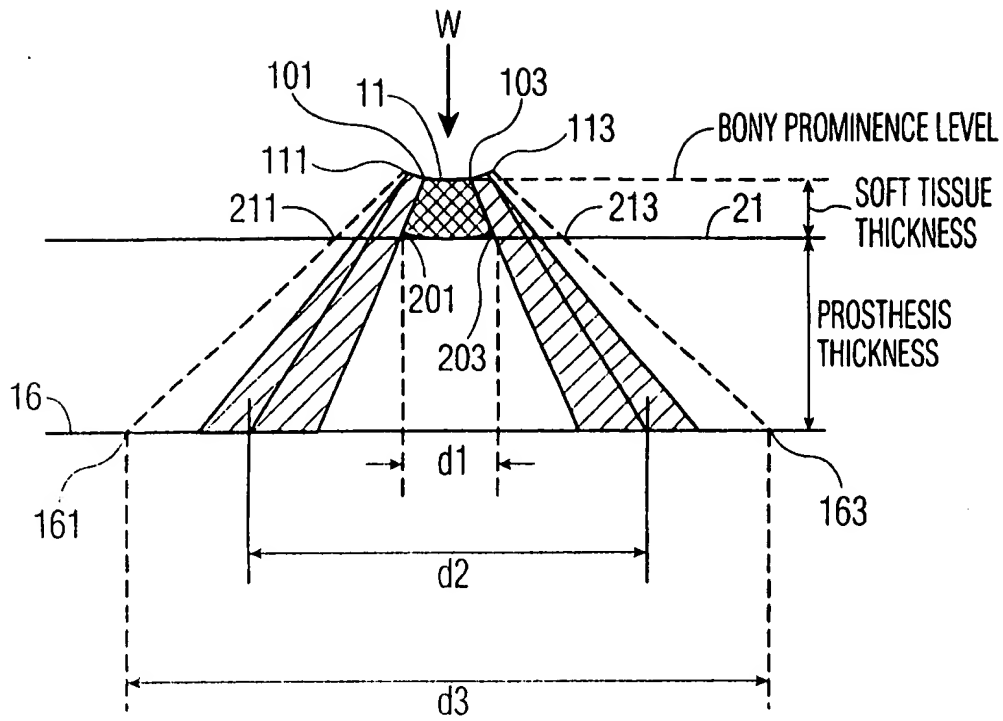


FIG. 3B

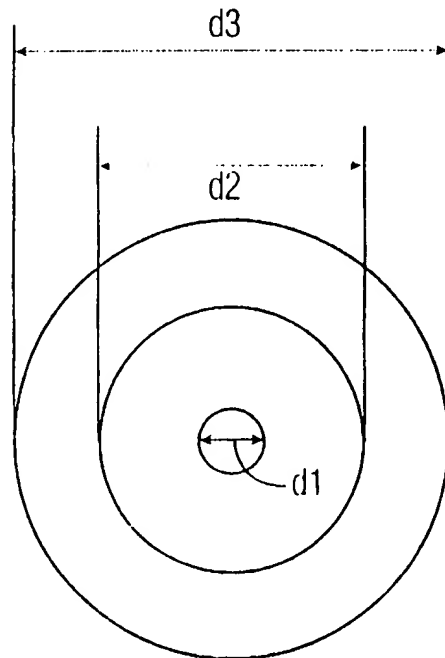


FIG. 3C

FIG. 5a

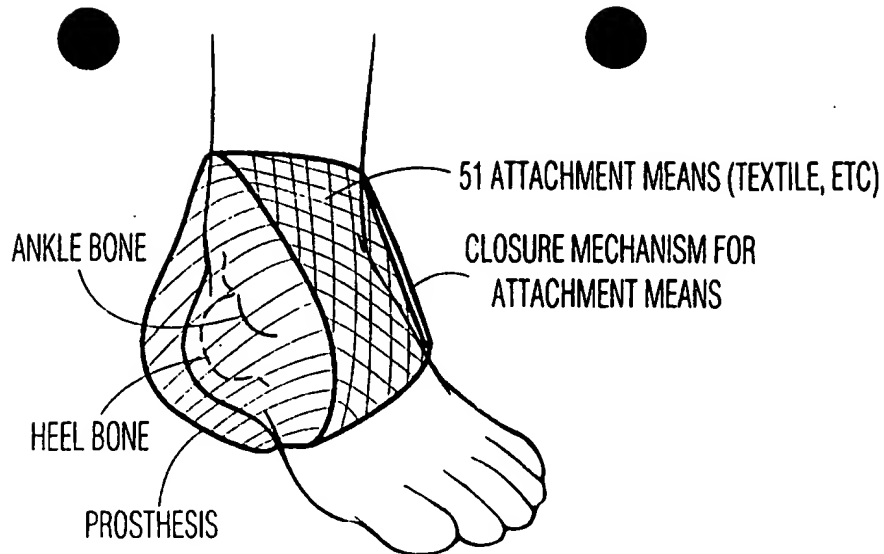


FIG. 5b

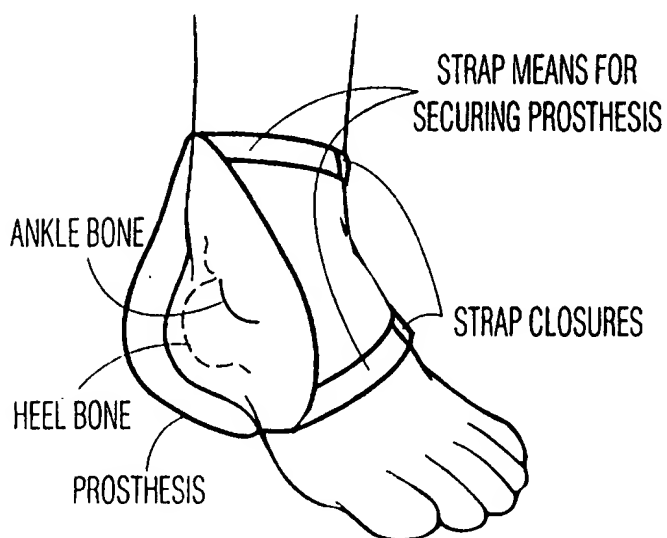
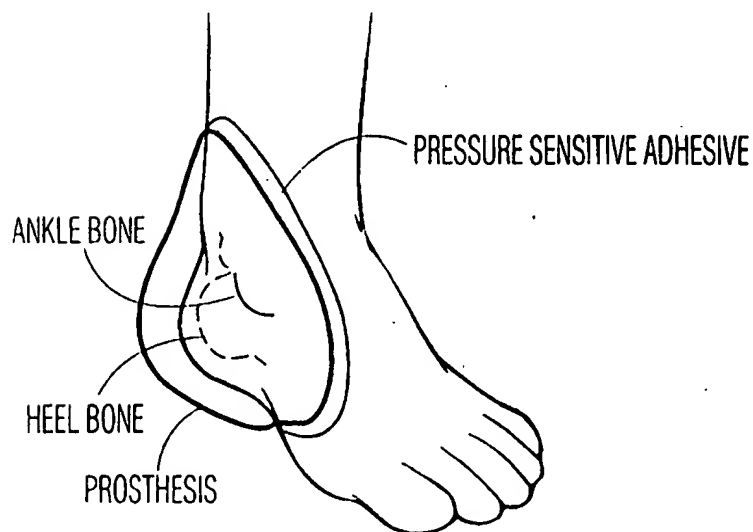


FIG. 5c



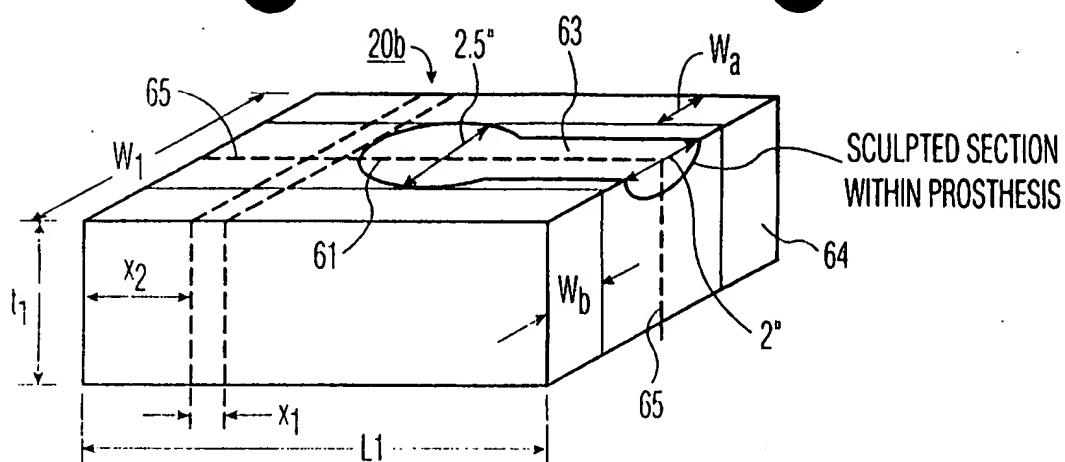


FIG. 6A

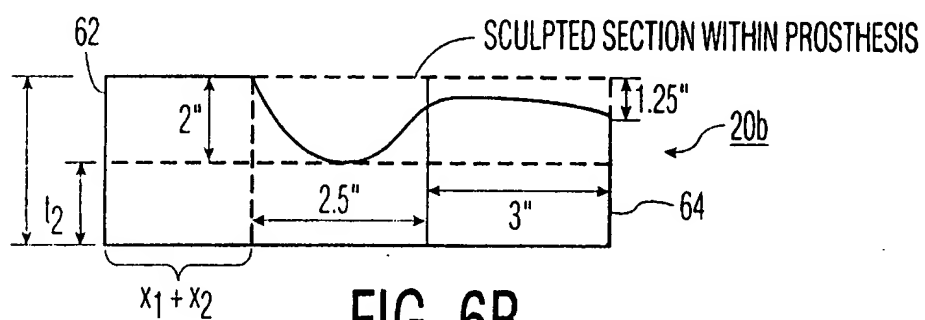


FIG. 6B

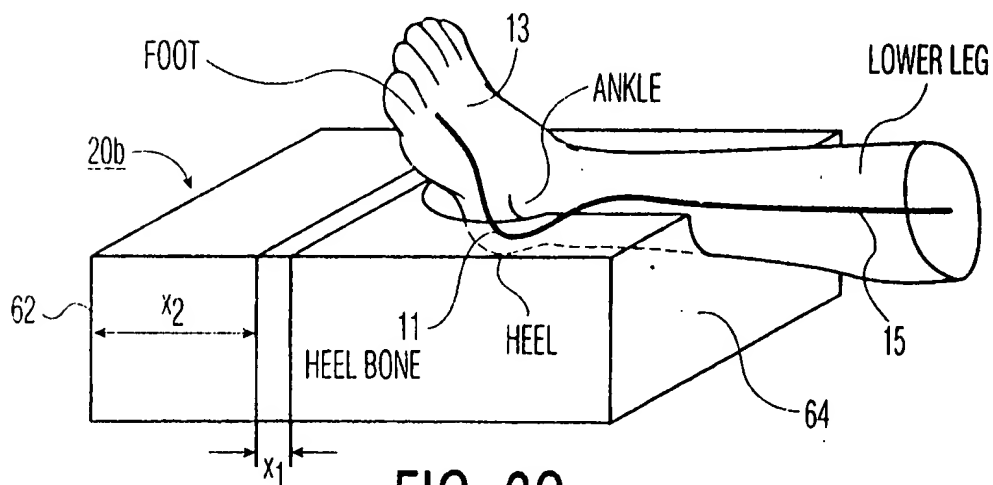


FIG. 6C

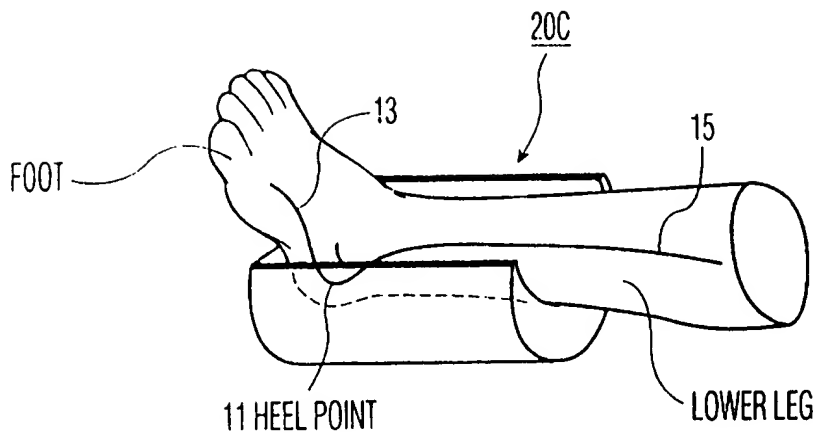


FIG. 6D

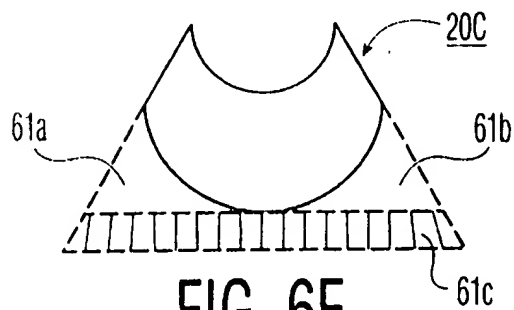


FIG. 6E



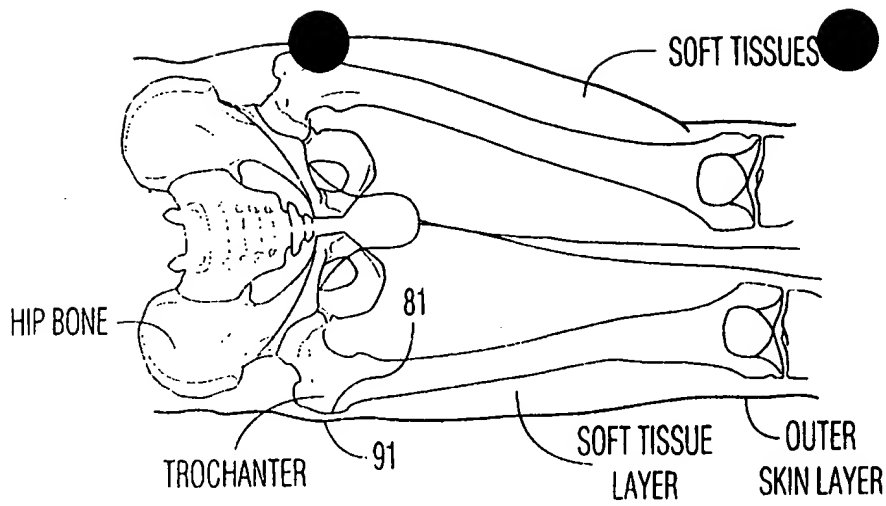


FIG. 7A

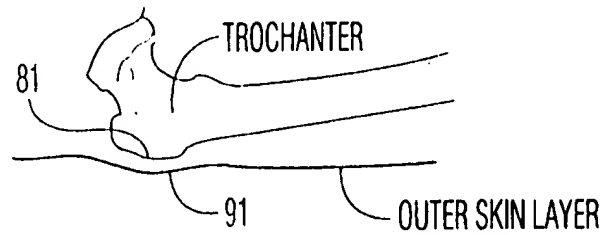


FIG. 7B

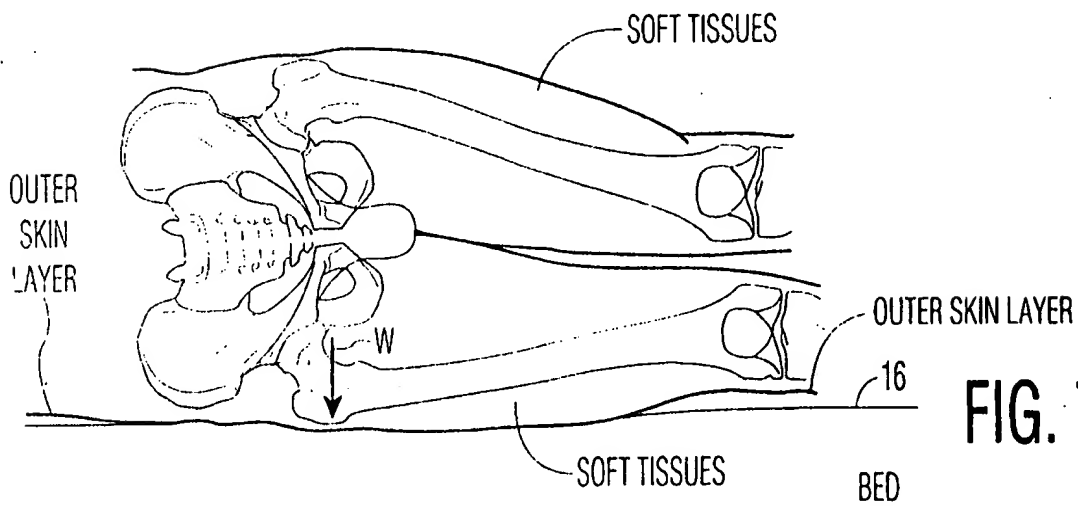


FIG. 7C

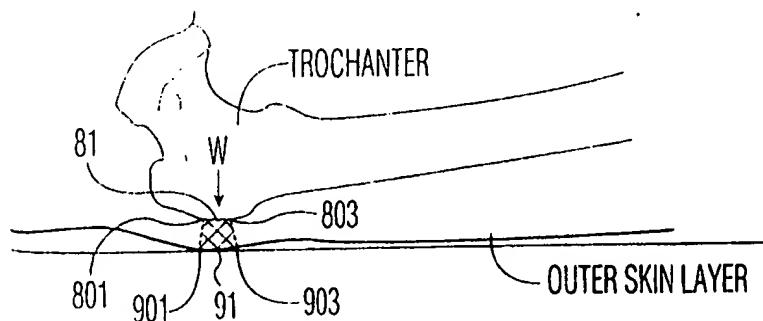


FIG. 7D

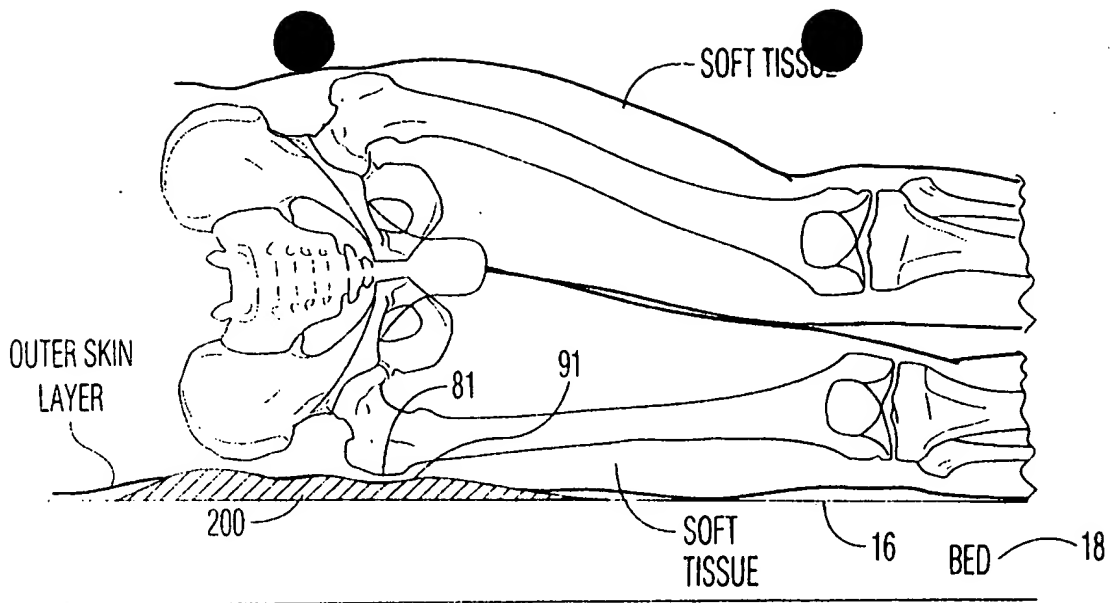


FIG. 7E

FIG. 7F

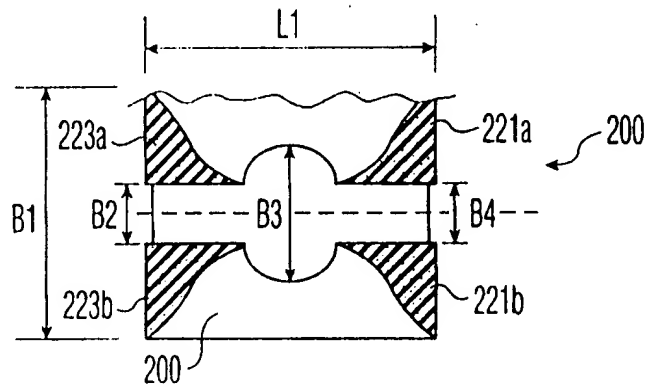


FIG. 7G

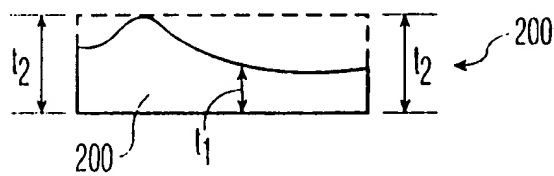


FIG. 7H

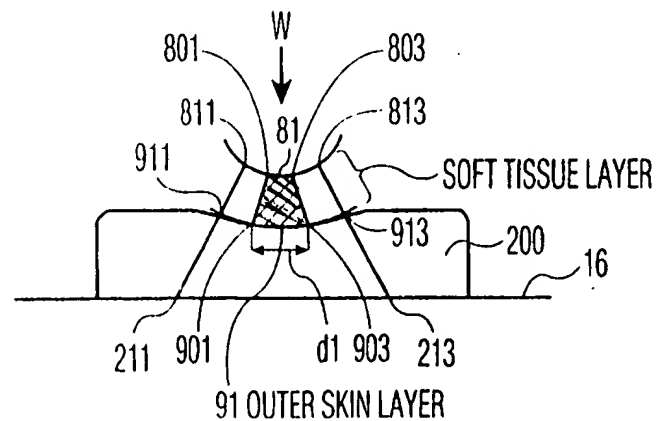


FIG. 7A  
FIG. 7B  
FIG. 7C  
FIG. 7D  
FIG. 7E  
FIG. 7F  
FIG. 7G  
FIG. 7H  
FIG. 7I  
FIG. 7J  
FIG. 7K  
FIG. 7L  
FIG. 7M  
FIG. 7N  
FIG. 7O  
FIG. 7P  
FIG. 7Q  
FIG. 7R  
FIG. 7S  
FIG. 7T  
FIG. 7U  
FIG. 7V  
FIG. 7W  
FIG. 7X  
FIG. 7Y  
FIG. 7Z



FIG. 7K

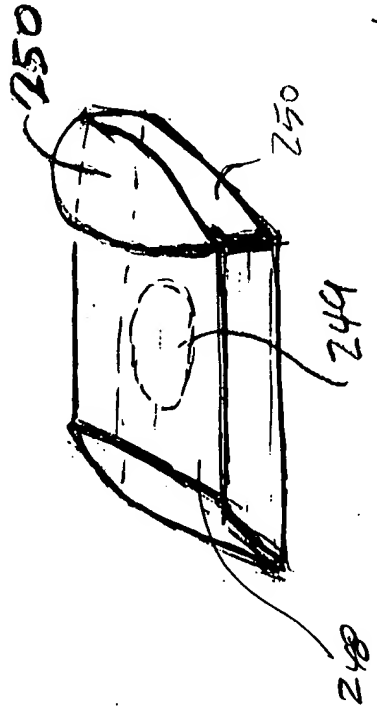


FIG 7J

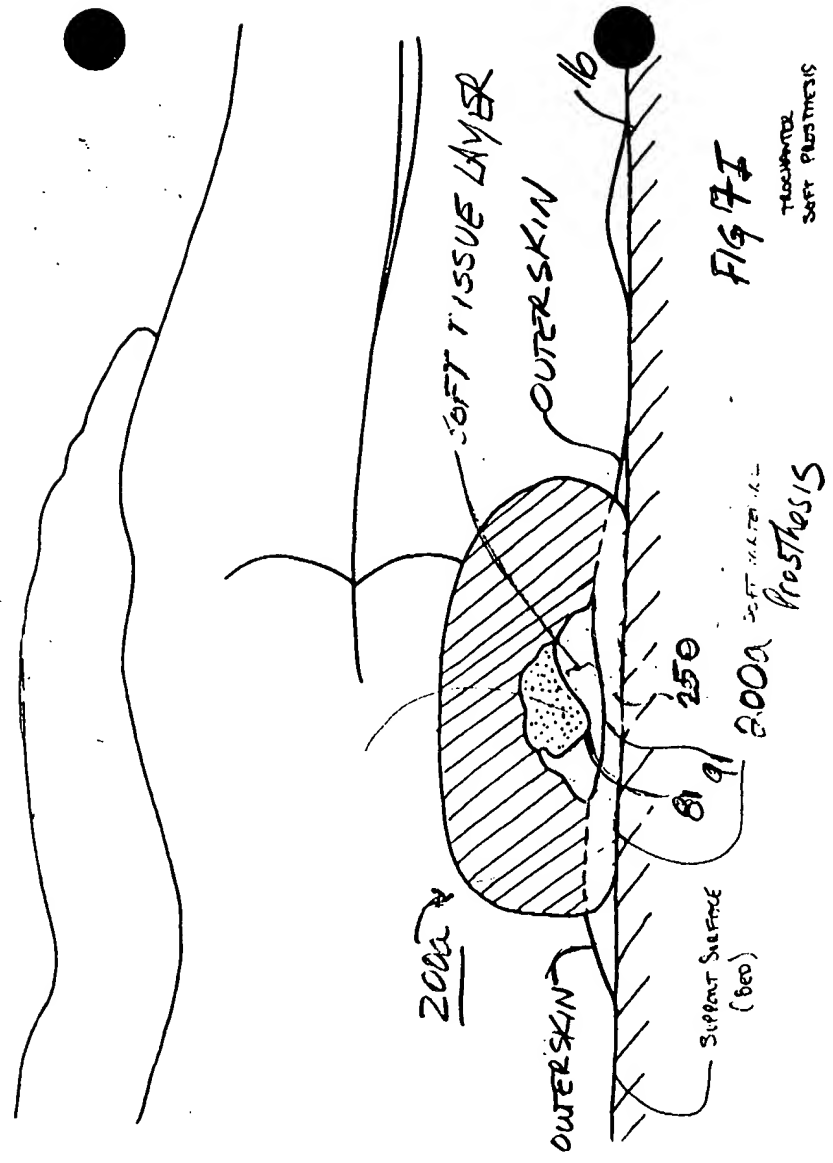
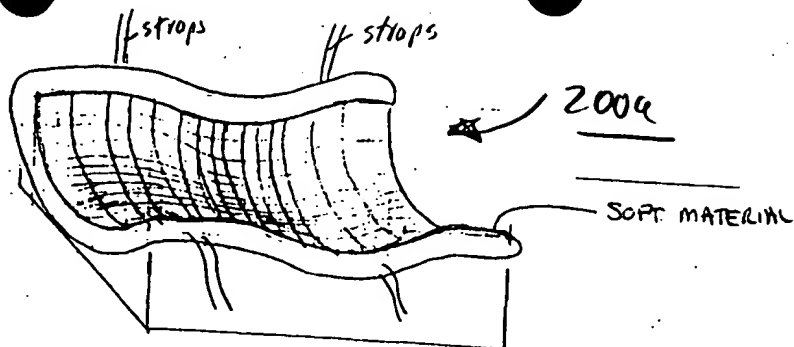


FIG 7I

EG/HIP  
AXIS



CONTOURED TO PATIENT'S HIP

TROCHANTER  
SOFT PROSTHESIS

POSTERIOR  
HIP SECTION

ANTERIOR  
HIP SECTION

105

FEMUR

200a

SOFT PROSTHESIS

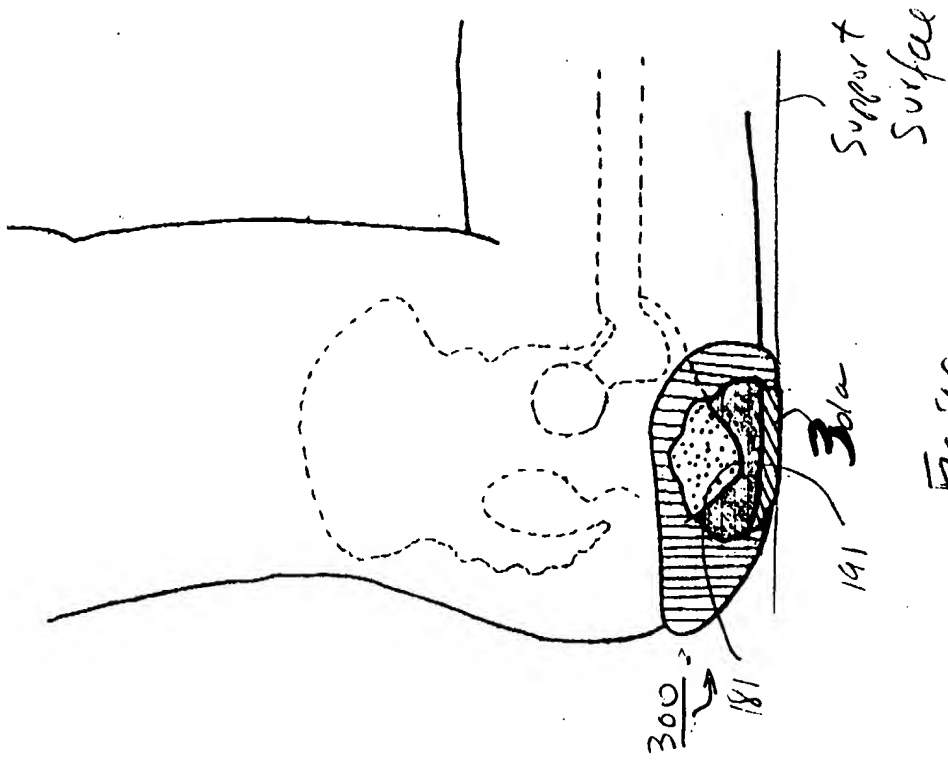
TROCHANTER

91

SOFT TISSUE

FIG. 7M

11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000



ISCHION  
 SOFT PROSTHESIS

FIG 8B

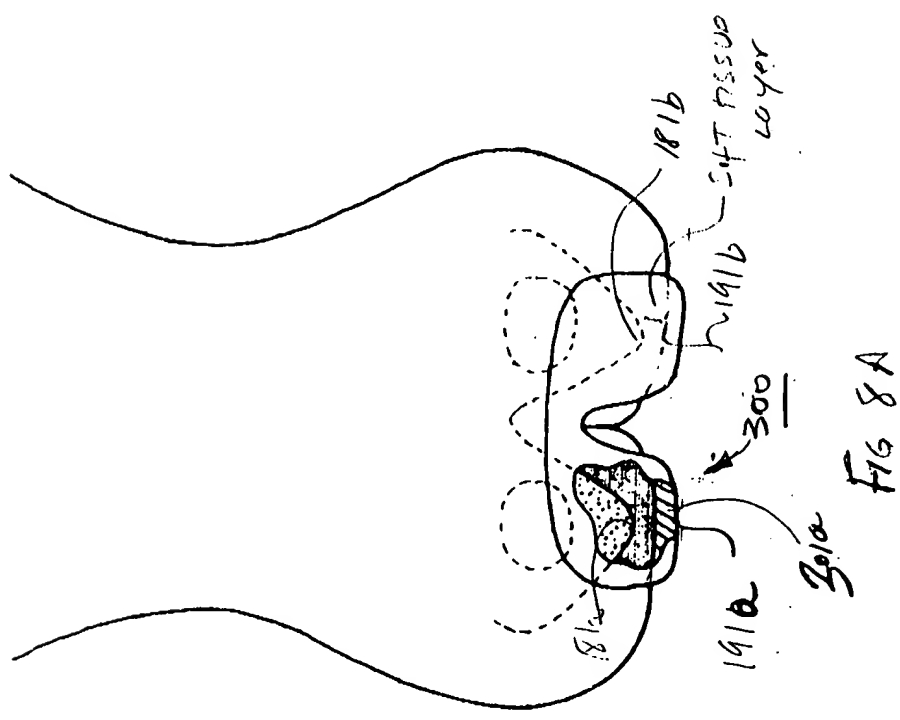
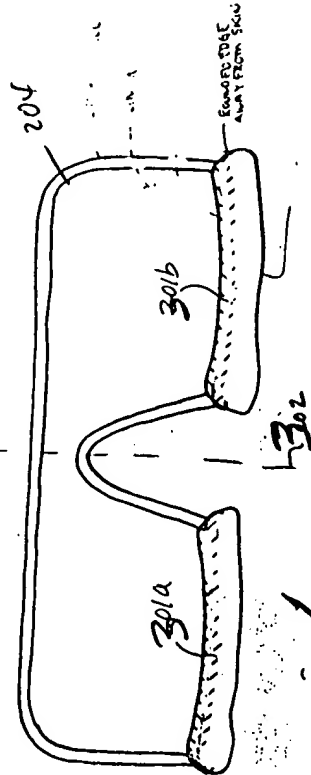
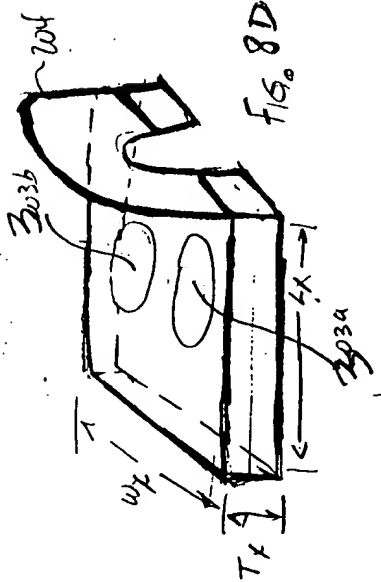
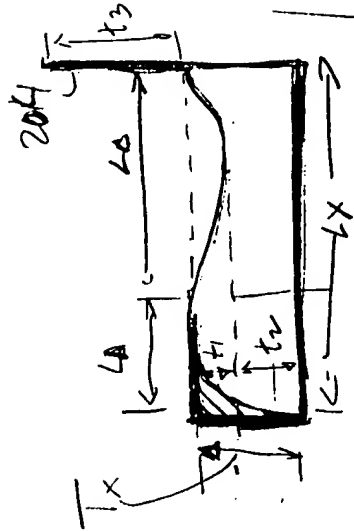


FIG 8A



PROTHERS DETAIL  
 ISCHAL



300 FIG. 8E

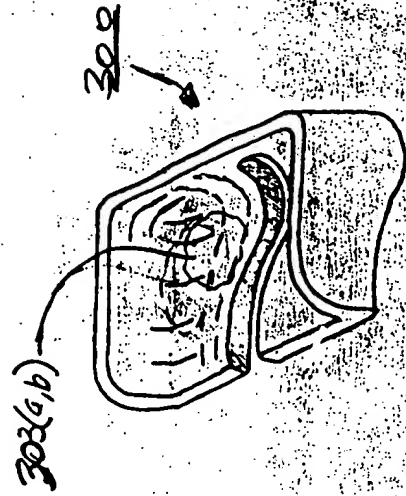


FIG. 9A is a schematic diagram of a prosthetic device 400 in a right lateral view. The device 400 is shown in a cross-sectional view, illustrating its internal structure and components. The device 400 is positioned within a body cavity, adjacent to the ilium and overlying soft tissue. The device 400 includes a prosthetic body 400, a cut away area, and a soft tissue layer 291. The device 400 is shown in a cross-sectional view, illustrating its internal structure and components. The device 400 is positioned within a body cavity, adjacent to the ilium and overlying soft tissue. The device 400 includes a prosthetic body 400, a cut away area, and a soft tissue layer 291.

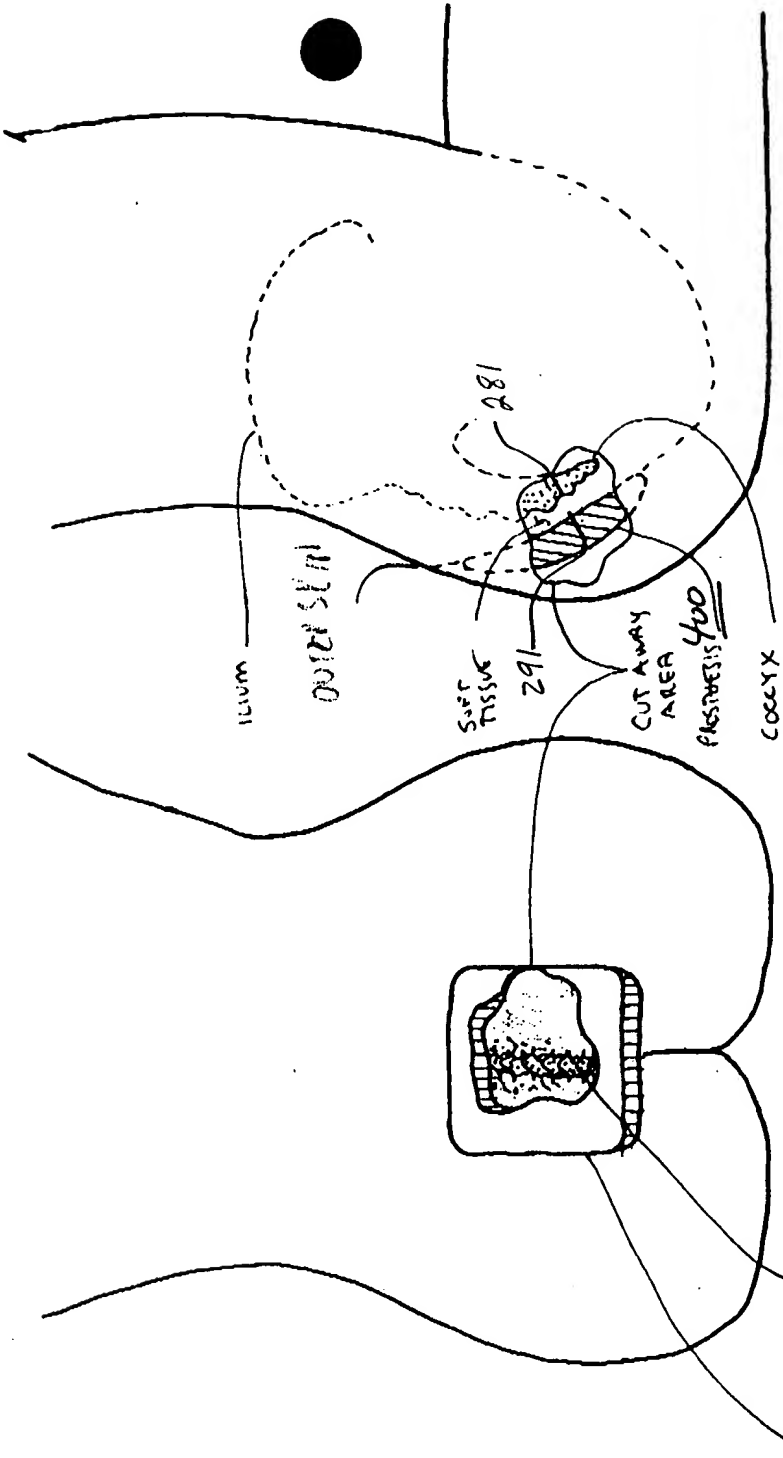


FIG 9A  
RIGHT LATERAL VIEW

FIG 9B  
POSTERIOR VIEW  
(POSTERIOR PERSPECTIVE)

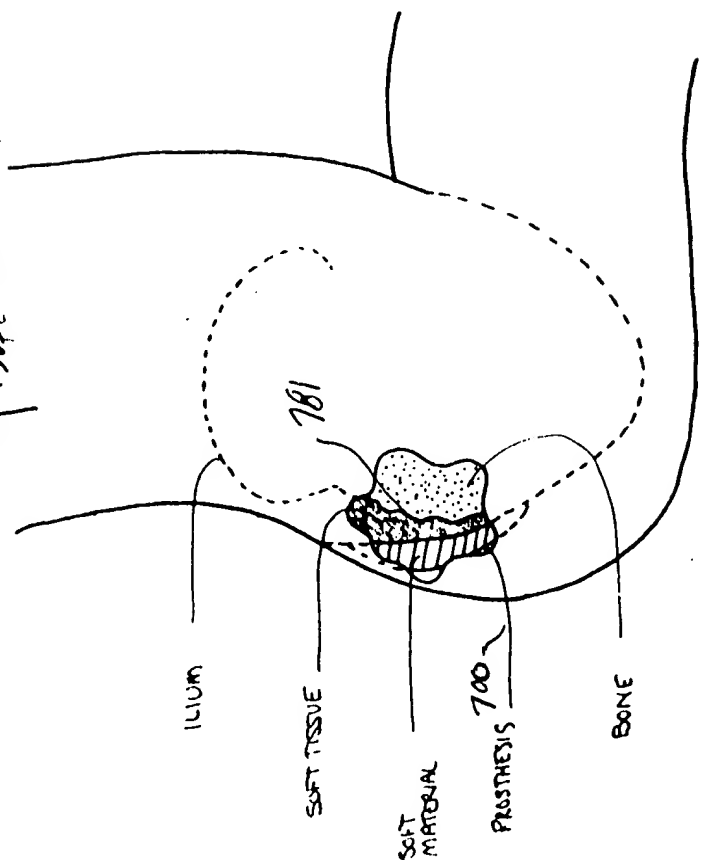
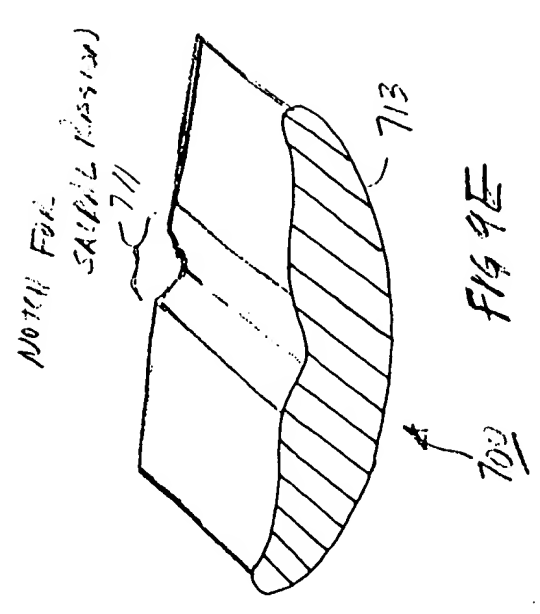
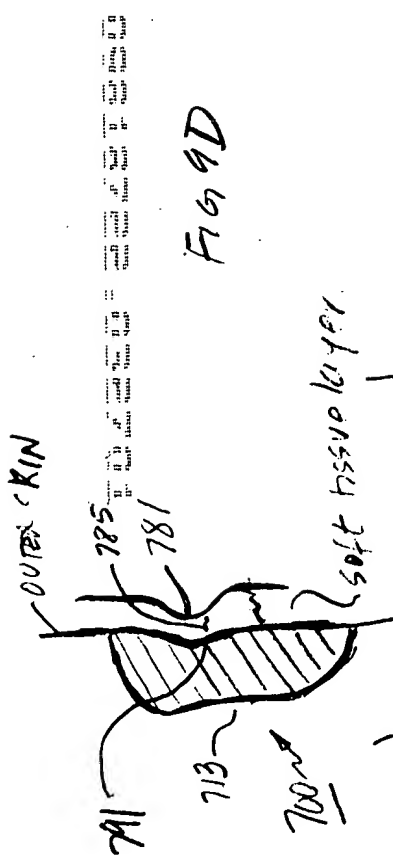
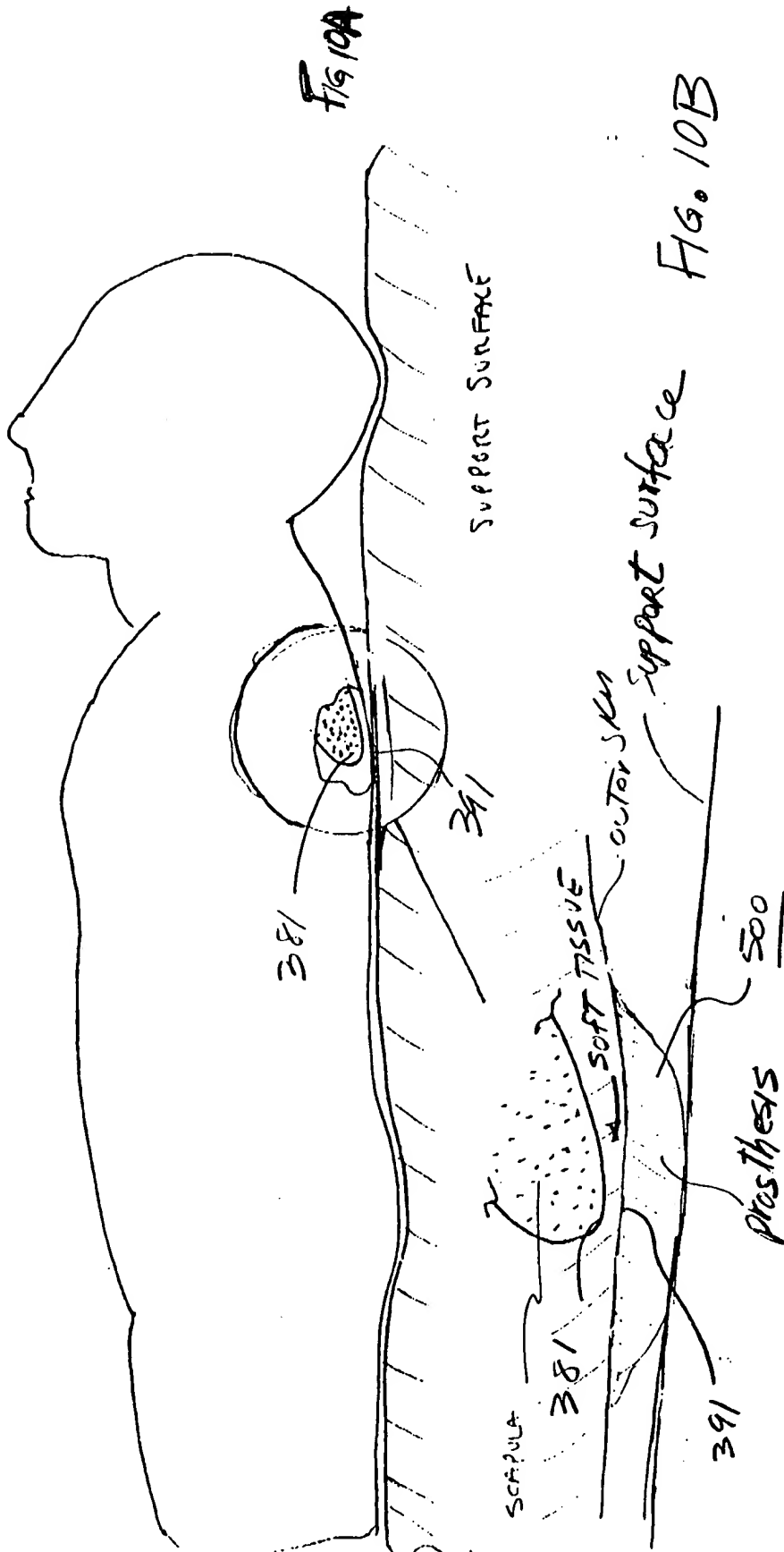


Fig 9C

SACRUM  
SOFT PROSTHESIS  
CUT AWAY VIEW



FIG. 10A



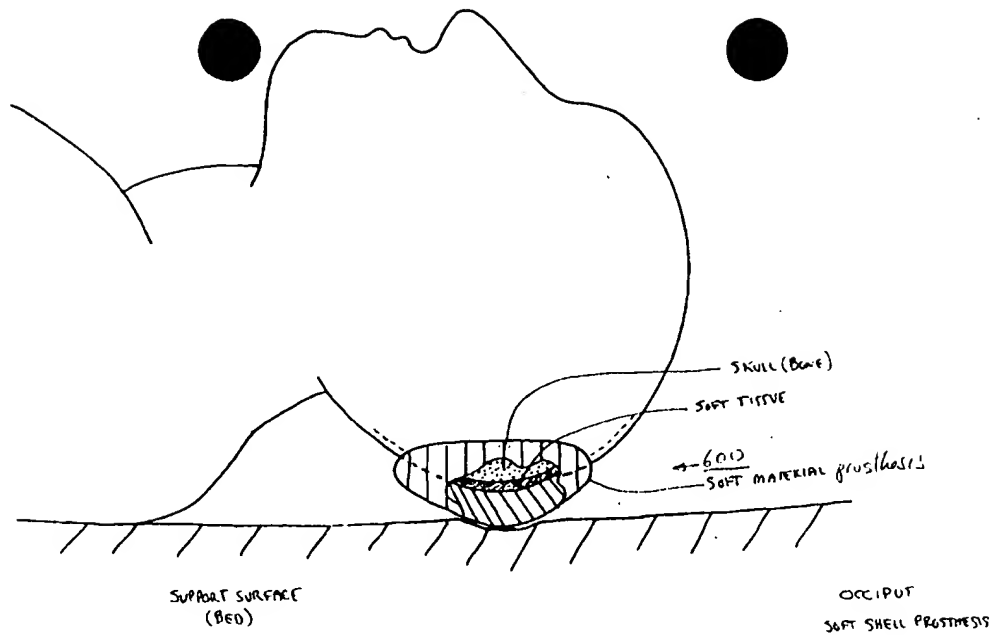


FIG 11

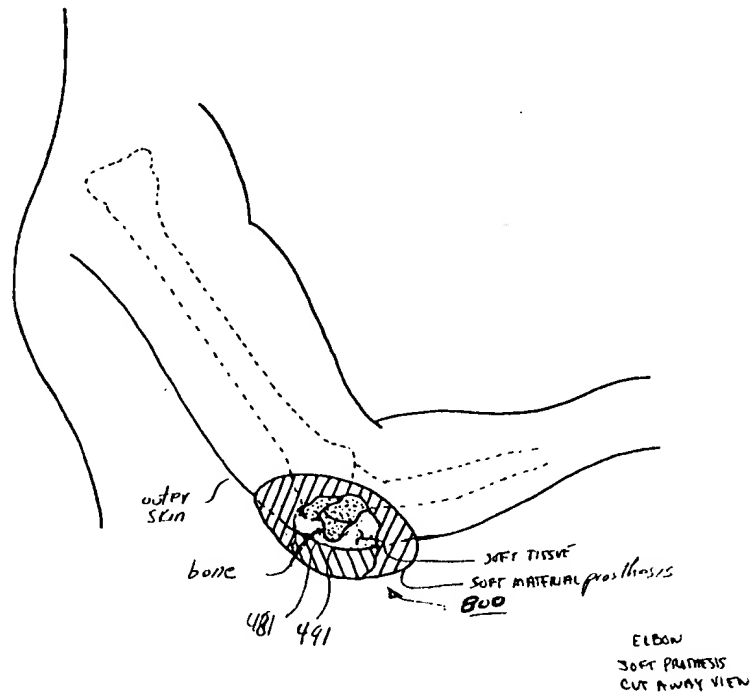


FIG 12

11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100

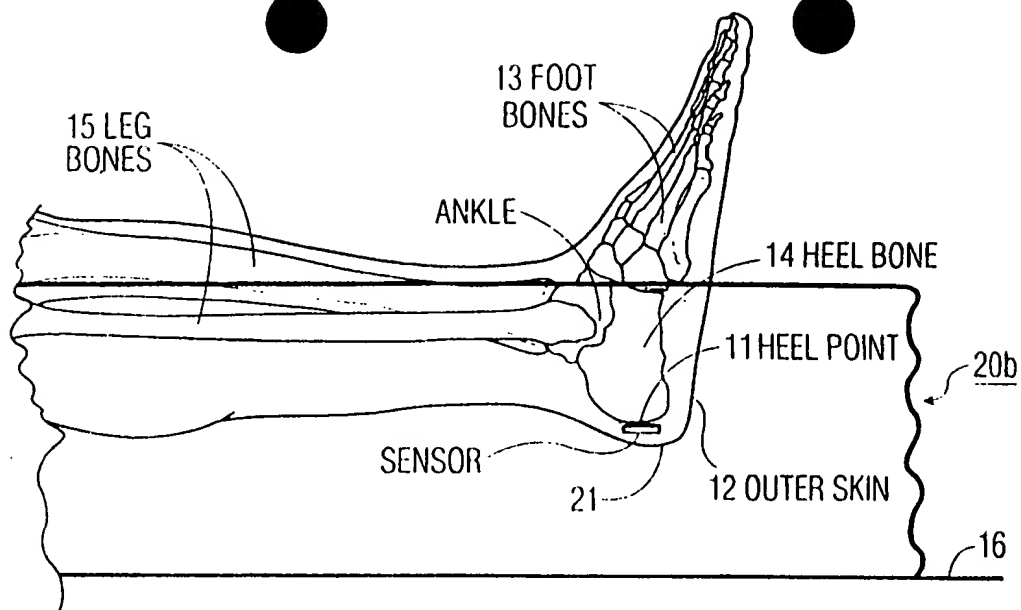


FIG. 13A

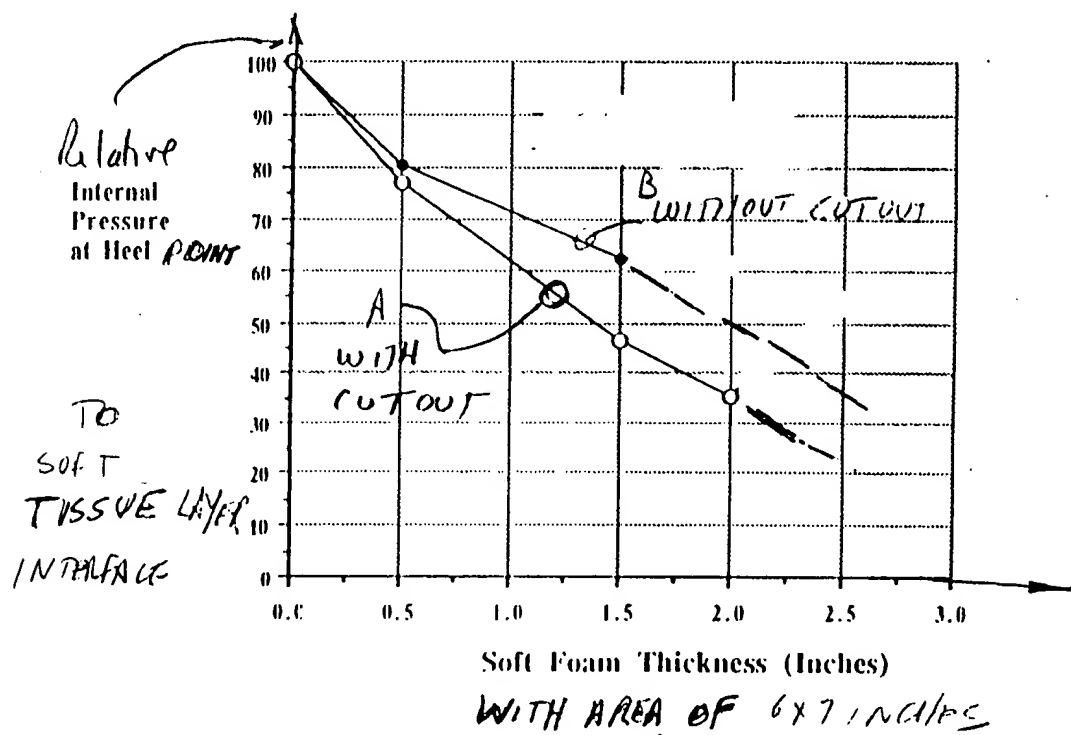


FIG. 13B

FIG. 14A

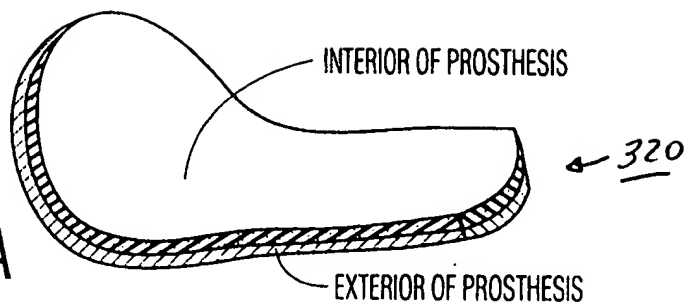


FIG. 14B

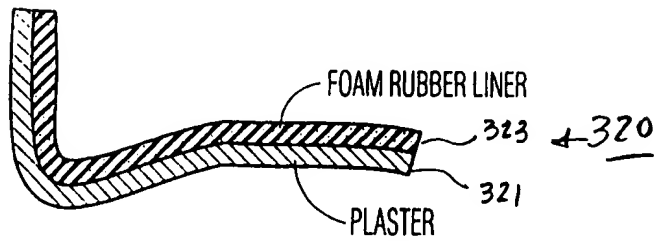


FIG. 14C

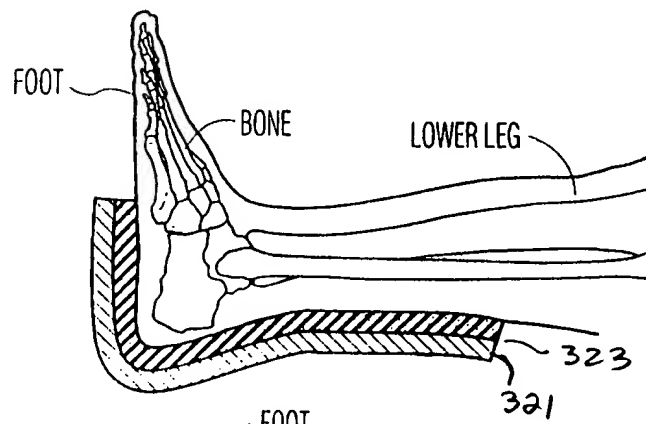
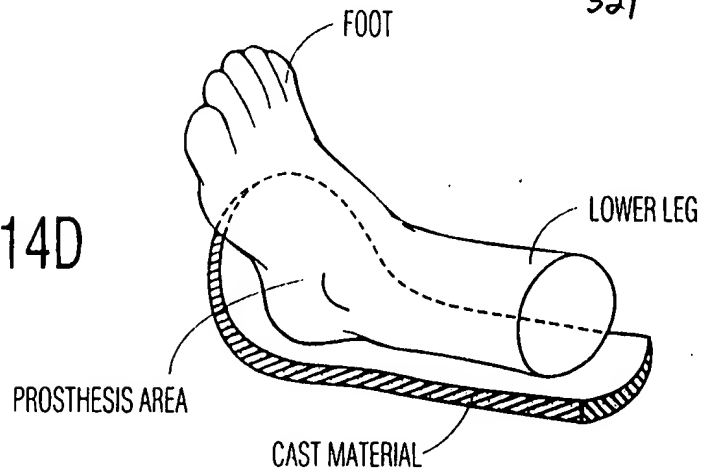


FIG. 14D



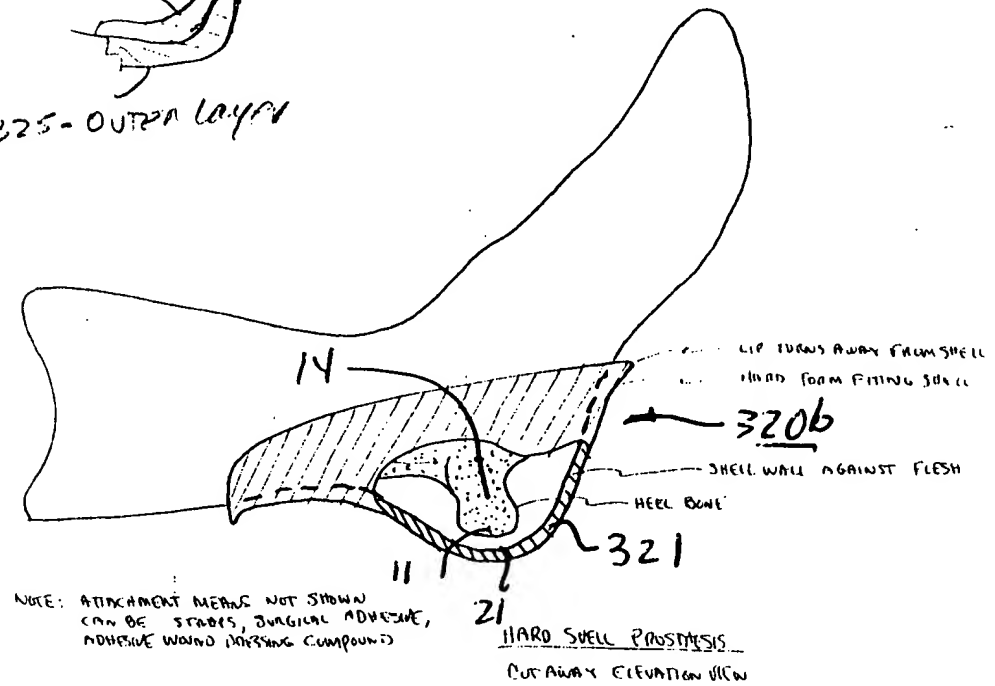
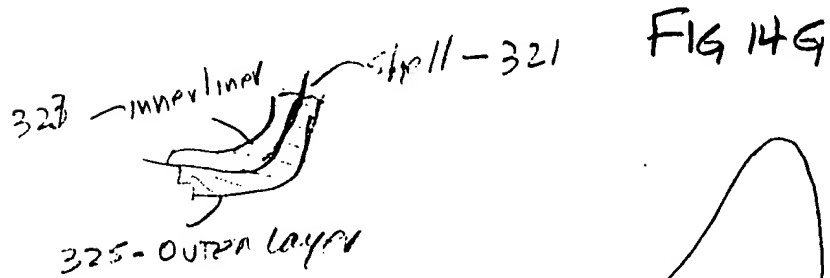
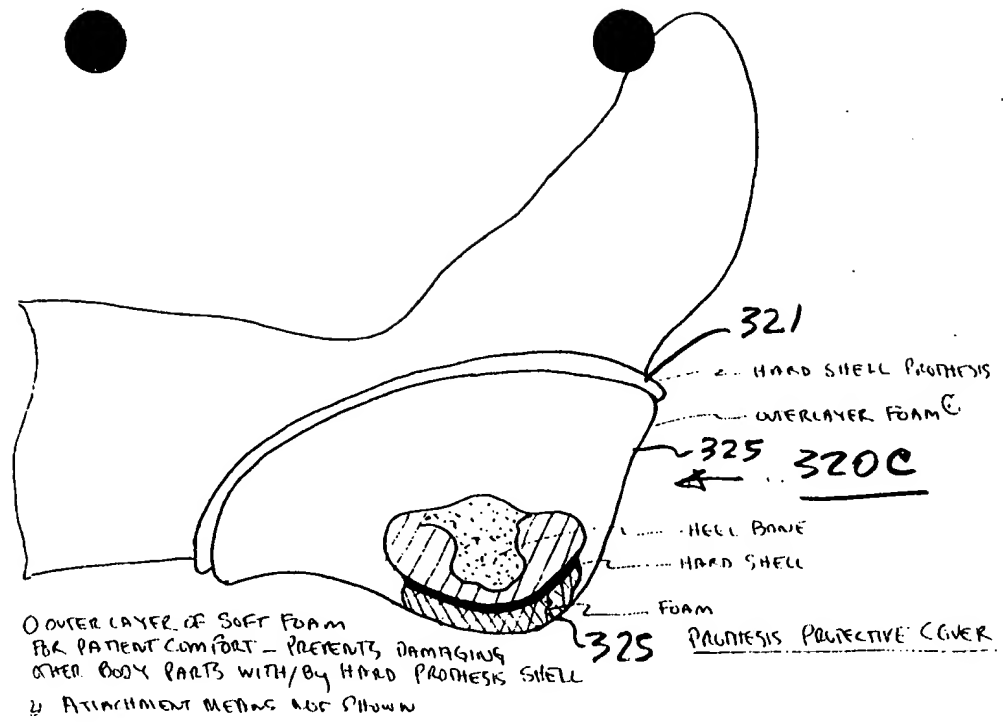


FIG 14F

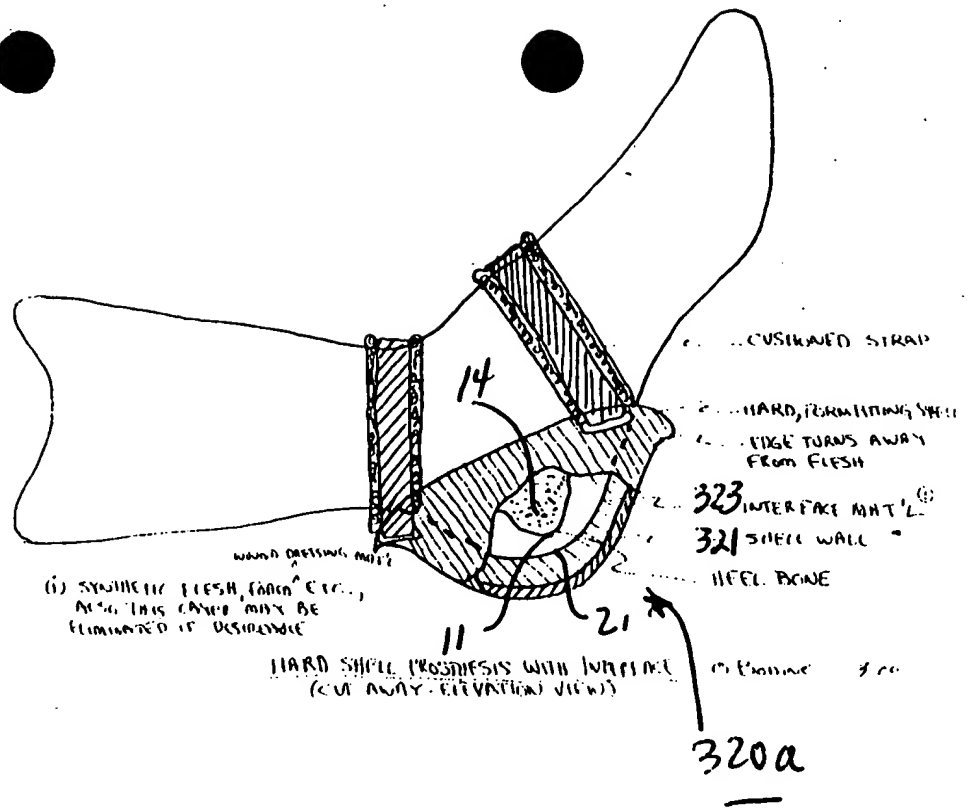


FIG 14E

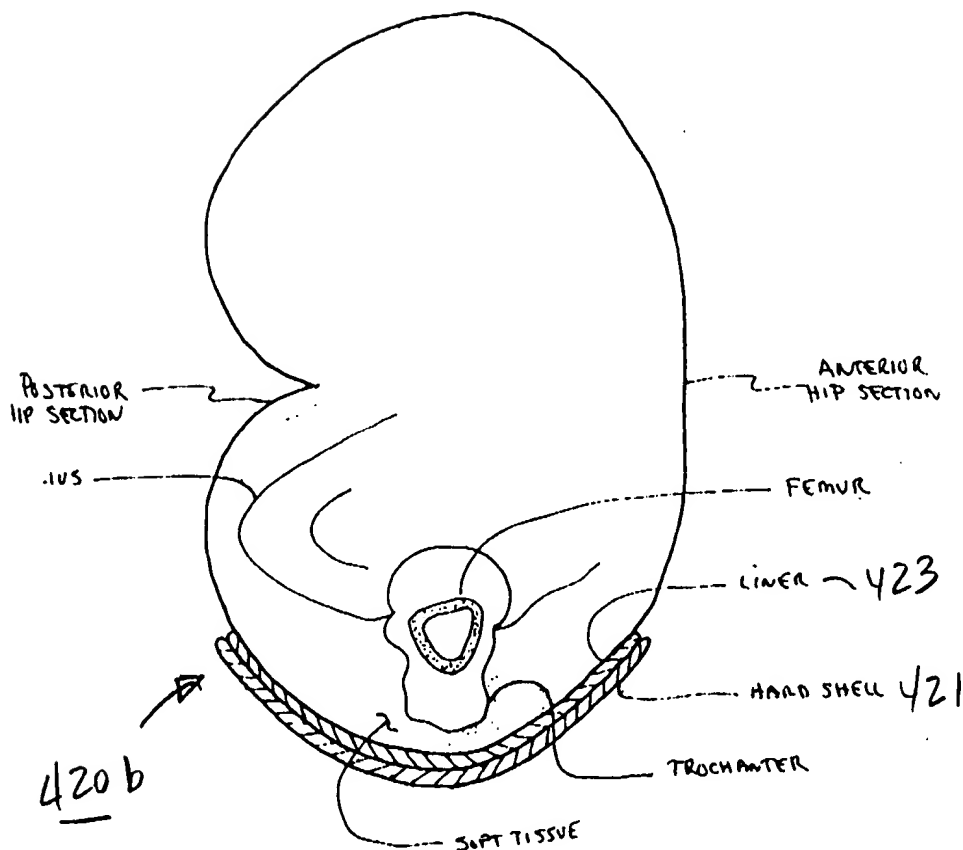


FIG 15C

TROCHANTER  
HARD SHELL PROSTHESIS  
CROSS SECTION AXIAL  
VIEW FROM FEET

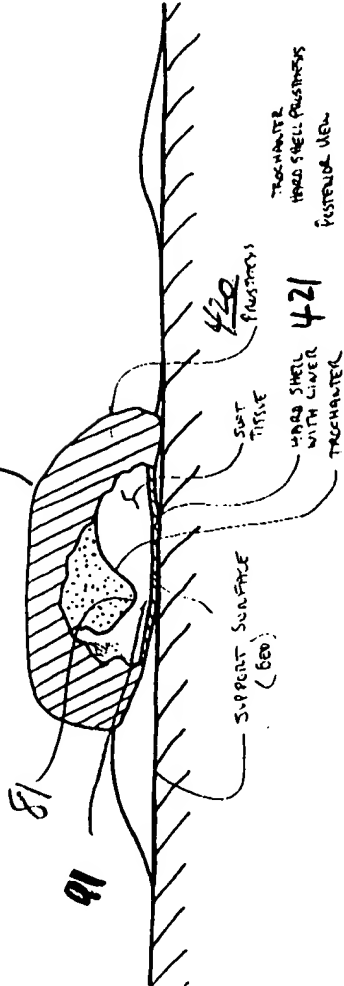


Fig 15A

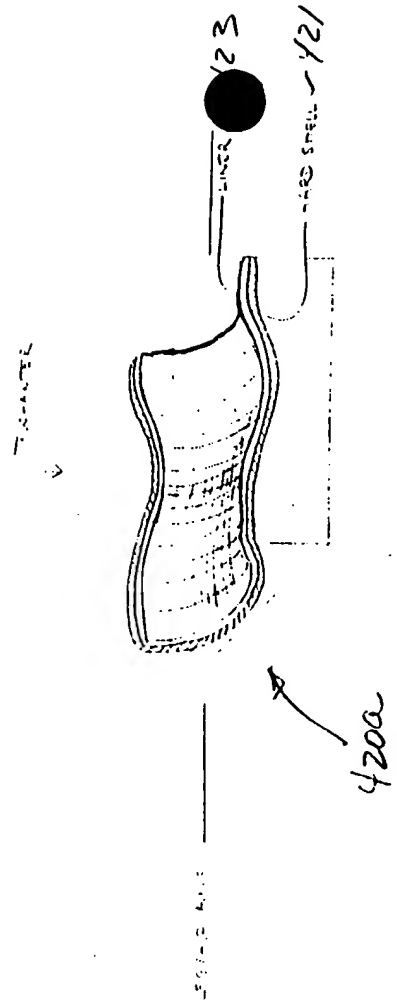


Fig 15B





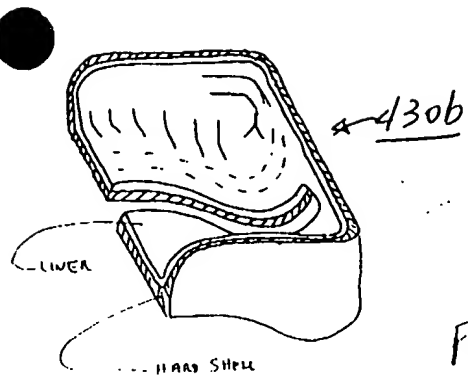


FIG 16C

ISCHIUM  
HARD SHELL PROSTHESIS

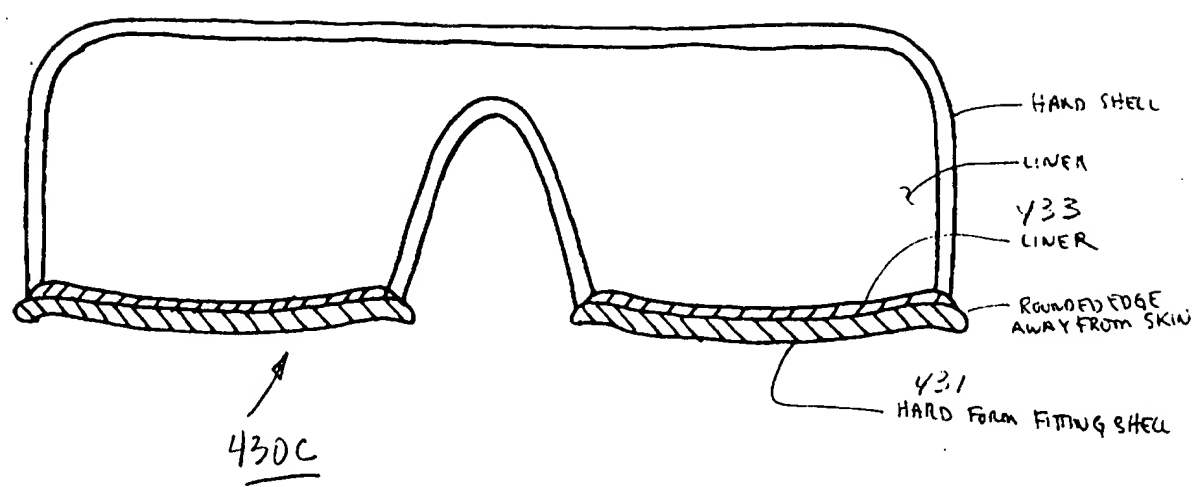


FIG 16D

PROSTHESIS DETAIL  
ISCHIAL O.B. 3.18.00  
HARD SHELL PROSTHESIS  
WITH LINER  
ANTERIOR VIEW





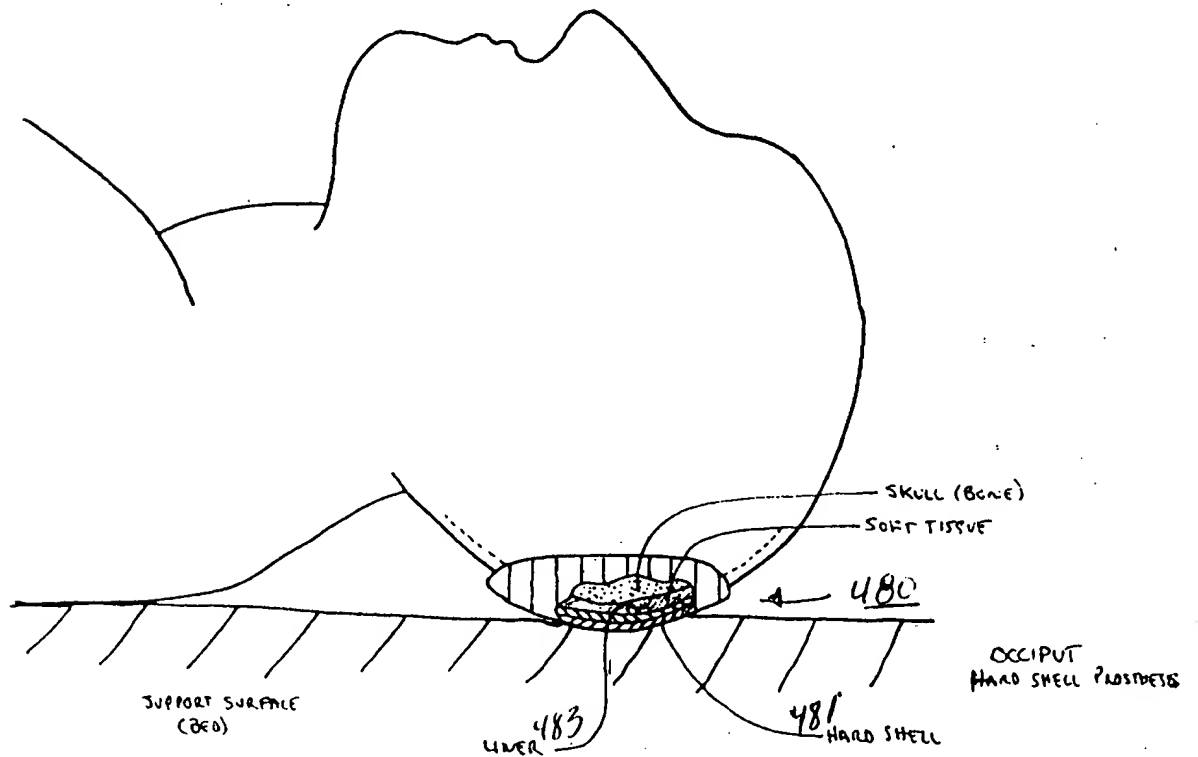
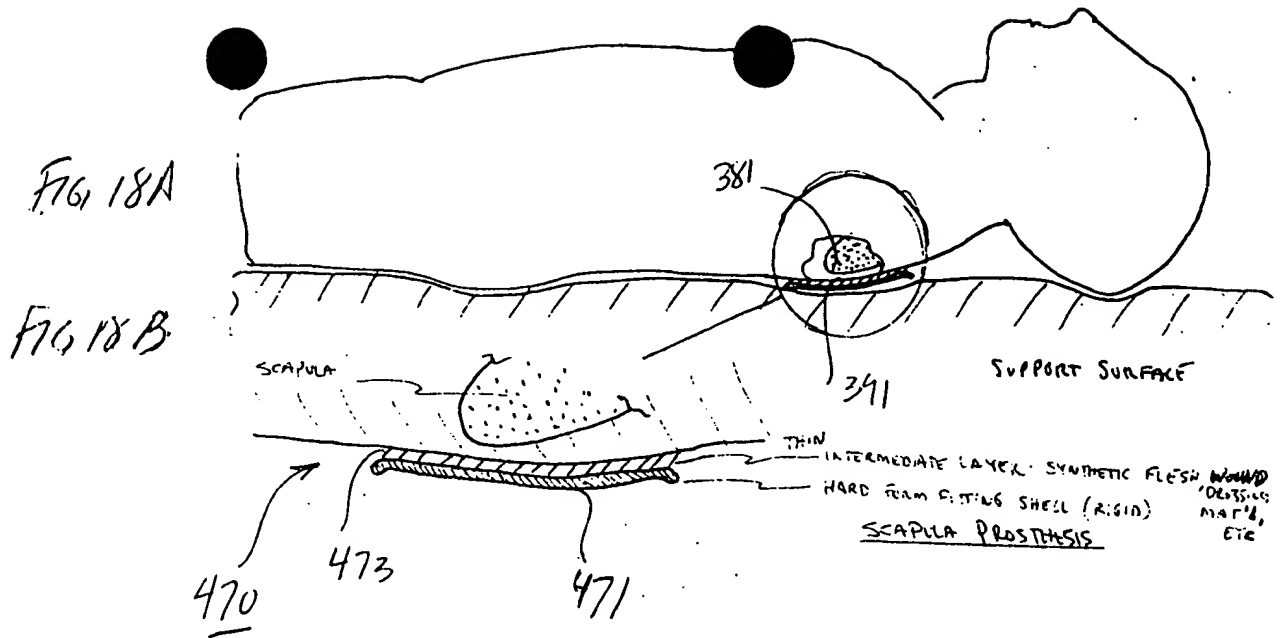
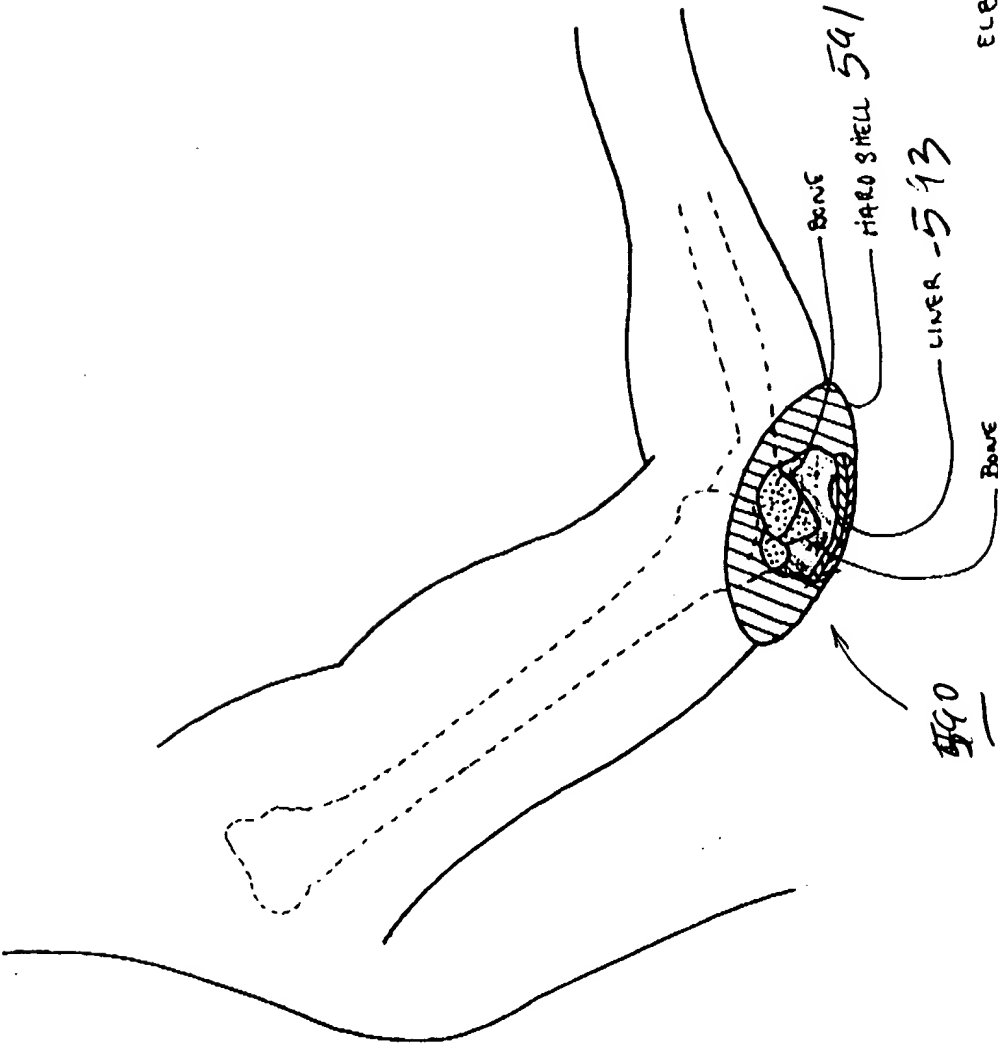


FIG 19

FIG. 19



ELBOW  
HARD SHELL PROSTHESIS  
WITH LINER  
CUT AWAY VIEW

FIG 20

prostheses composed of materials that undergo changes during use - 1

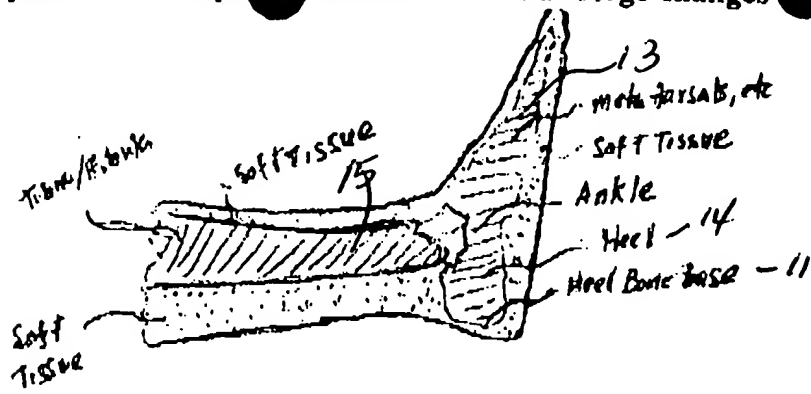


FIG. 21A

NO PROSTHESIS

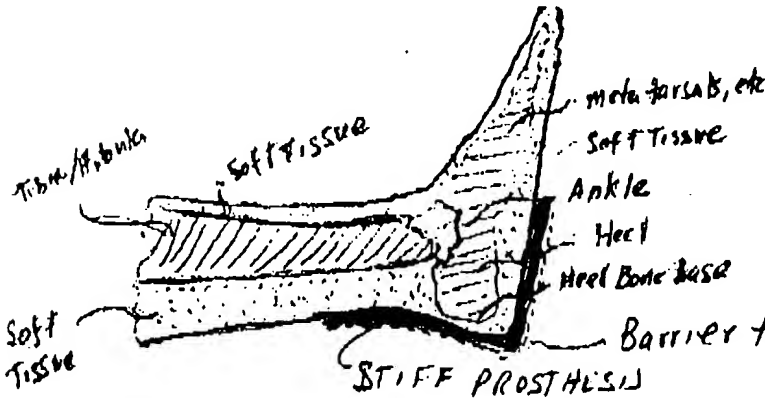
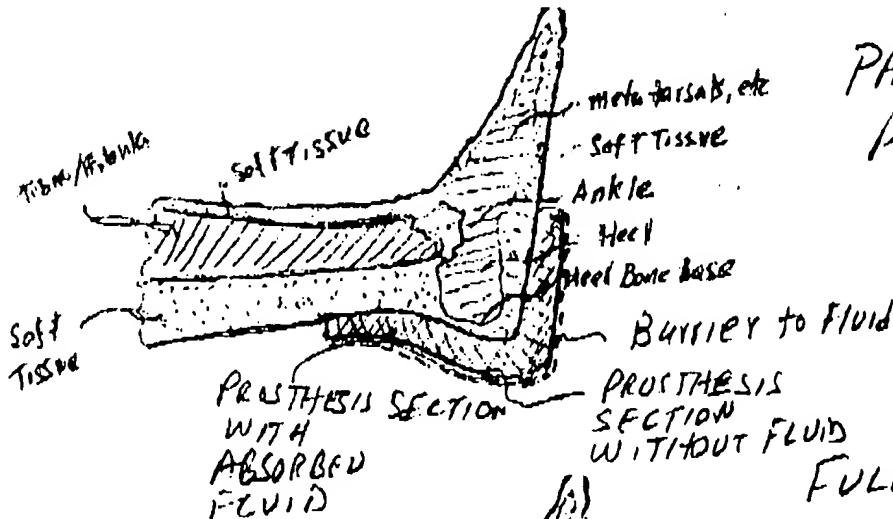


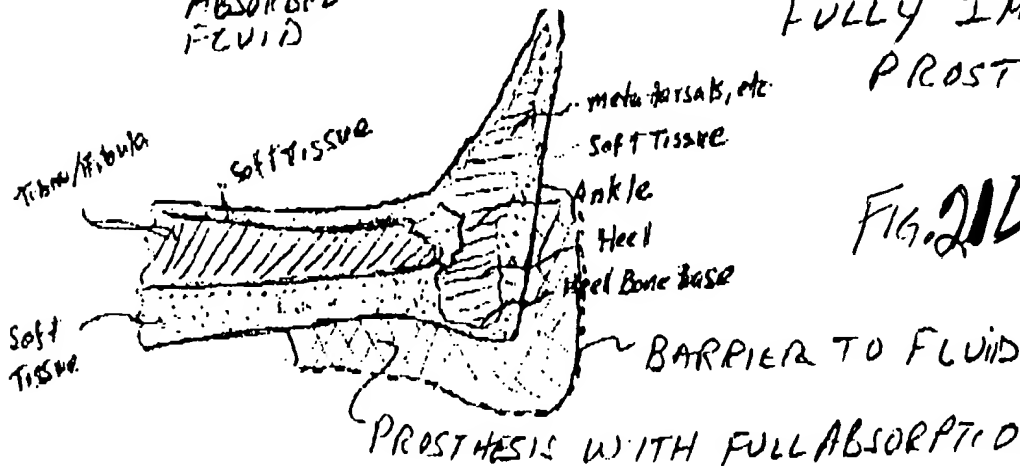
FIG. 21B

STIFF PROSTHESIS  
BEFORE  
ABSORBING ANY FLUID  
MOISTURE



PARTIALLY IMBIBED  
PROSTHESIS

FIG. 21C



FULLY IMBIBED  
PROSTHESIS

FIG. 21D

**INTERNAL  
PROSTHESIS**

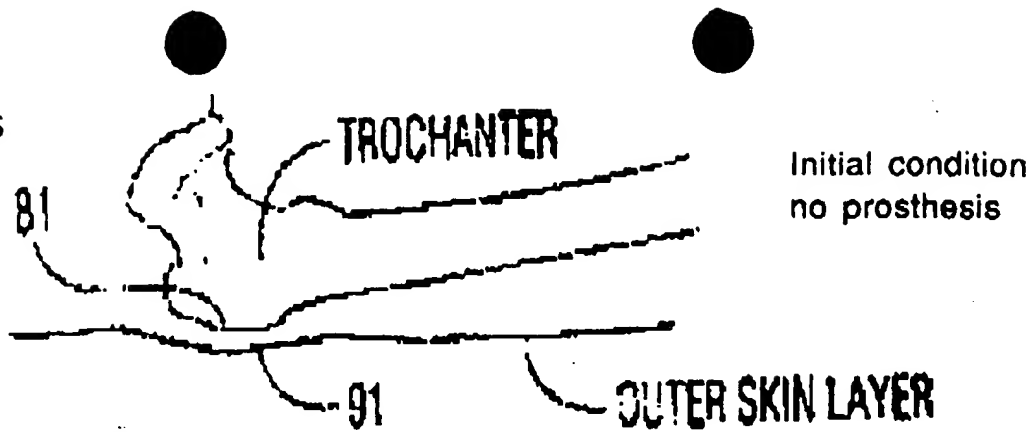


FIGURE 22A

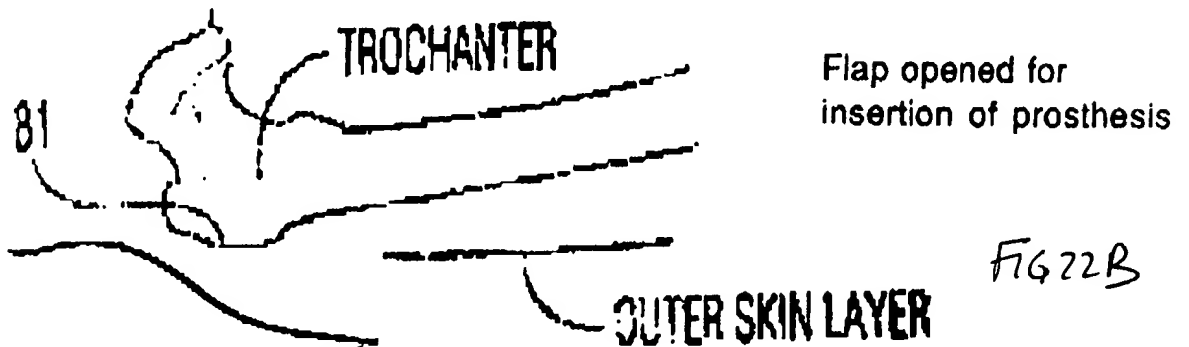


FIG 22B

Skin flap created by cutting and retracting skin layer

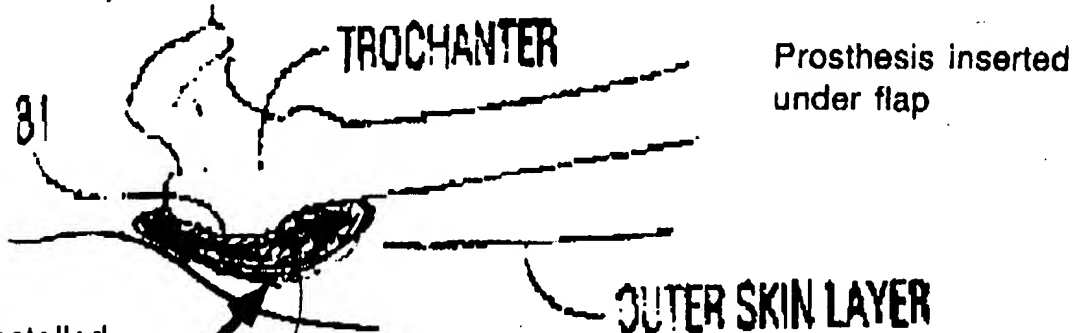


FIG 22C

Prosthesis installed between skin and subcutaneous layers

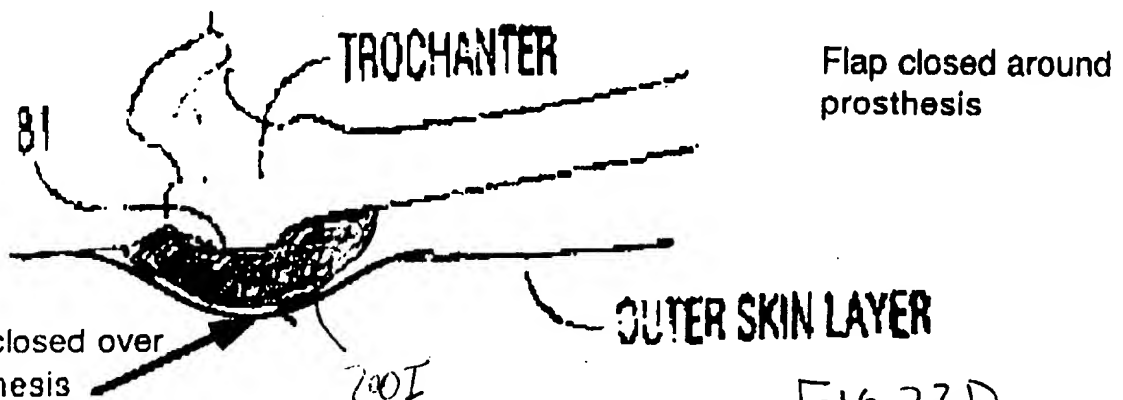


FIG 22D

## Soft Prosthesis

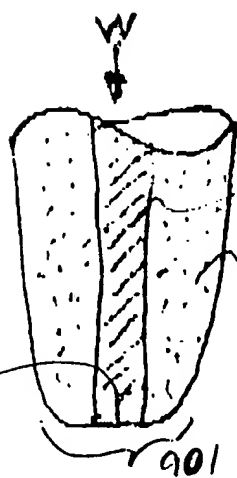


Figure 23 A

## Hard Prosthesis



Figure 23B

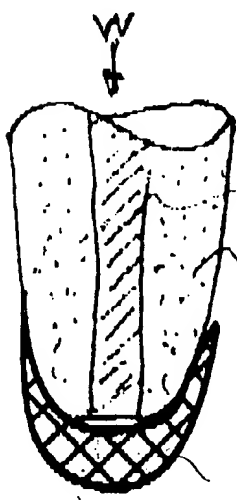


Figure 23D



F1623C

Implant that expands  
the bone area



Fig. 23E

Prosthesis with increased thickness and area

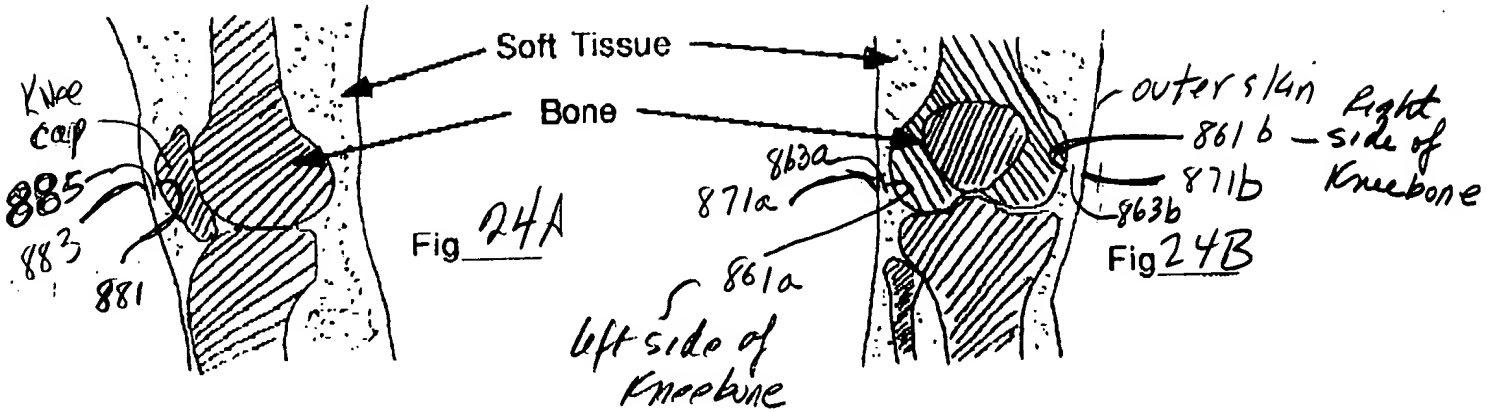


# Knees

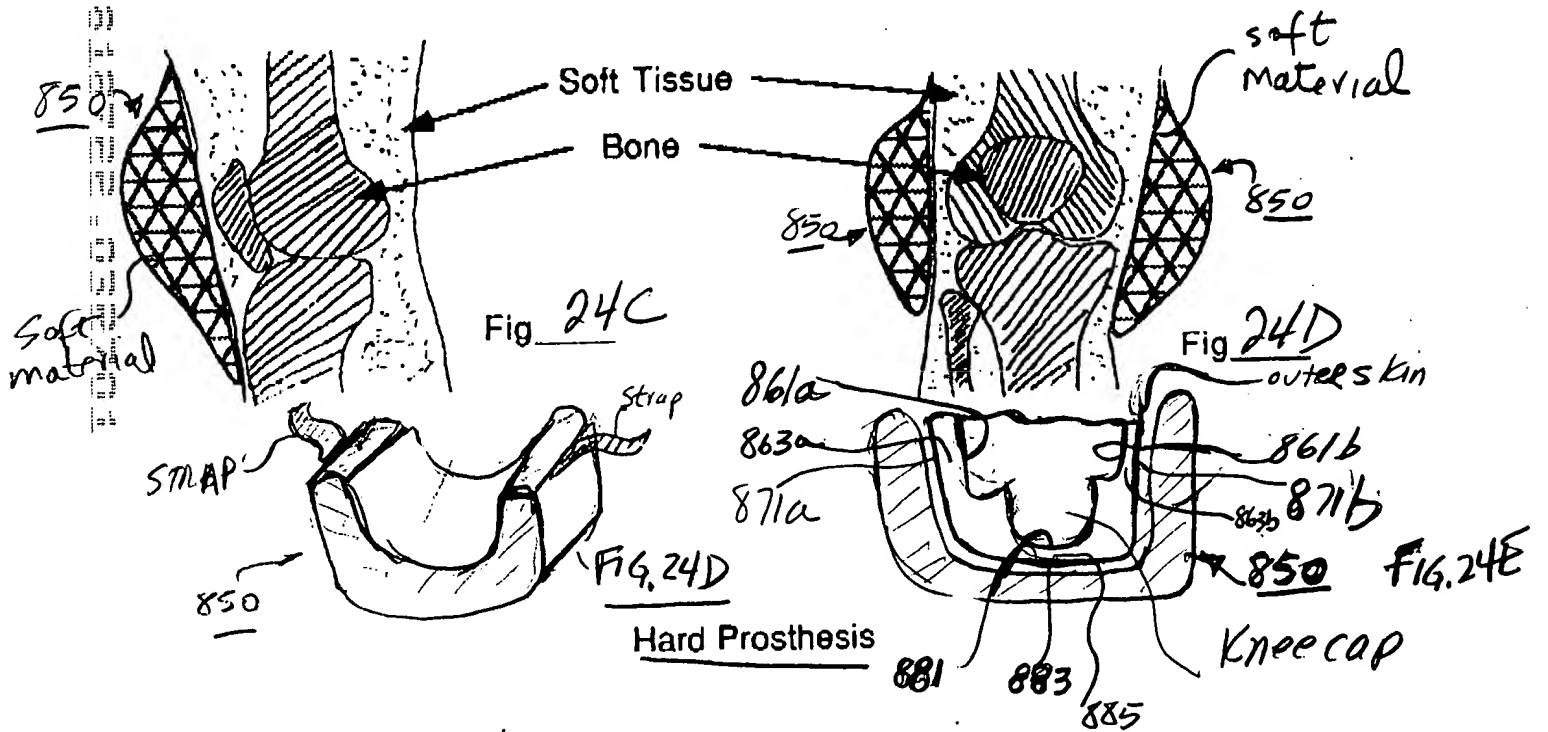
Side Views

Front Views

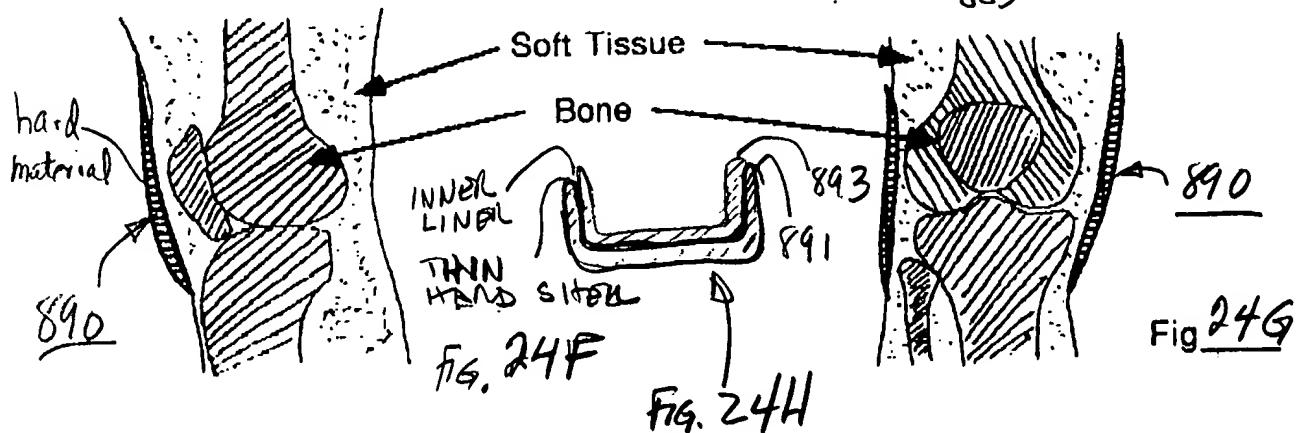
No Prosthesis



Soft Prosthesis



Hard Prosthesis



# BUTTOCKS

Rear view:

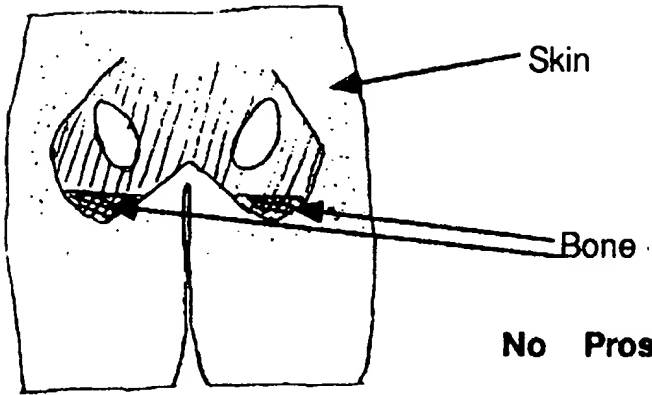


FIG 25A

Side view:

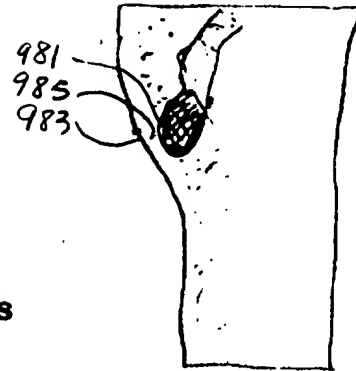


FIG 25B

FIG. 25A is a rear view of a buttock without a prosthesis. FIG. 25B is a side view of a buttock without a prosthesis. FIG. 25C is a rear view of a buttock with a soft prosthesis. FIG. 25D is a side view of a buttock with a soft prosthesis. FIG. 25E is a rear view of a buttock with a hard prosthesis. FIG. 25F is a side view of a buttock with a hard prosthesis.

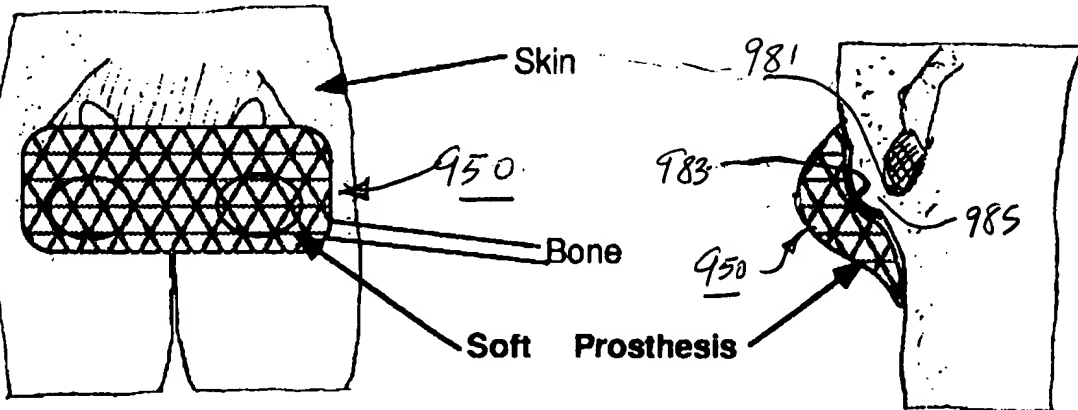


FIG 25C

FIG 25D

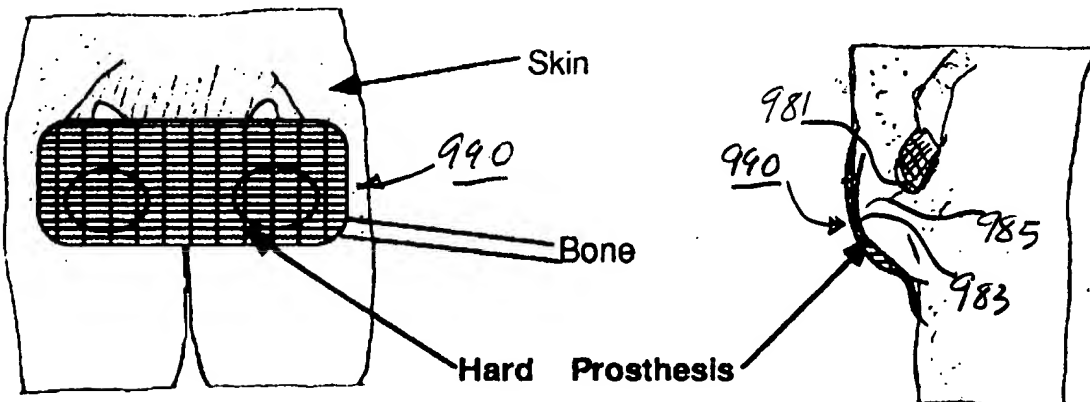
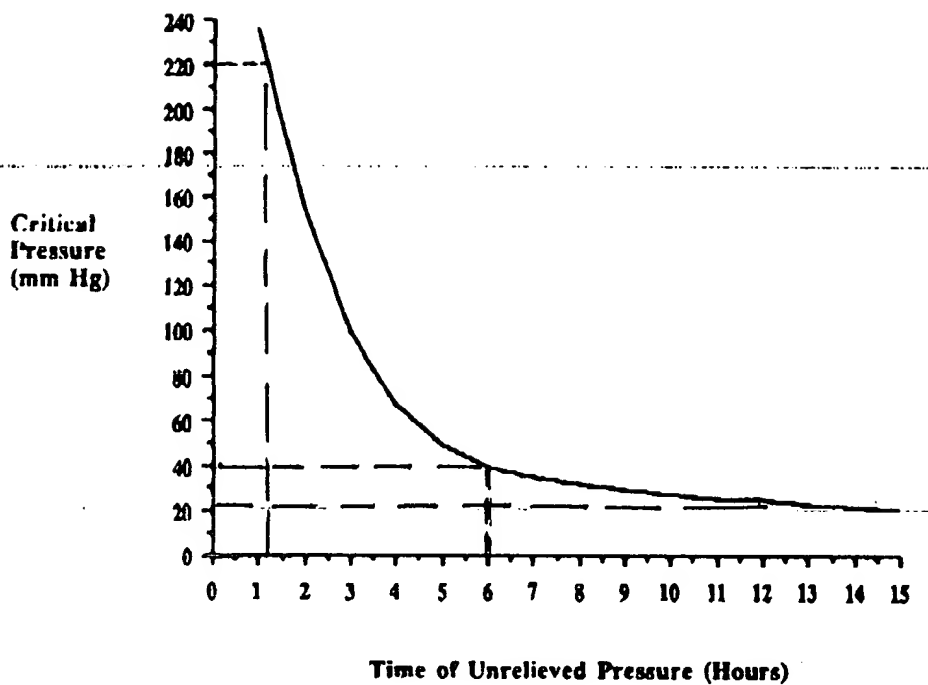


FIG. 25E

FIG. 25F

**Critical Pressure vs. Exposure Time**



*FIG. 26*